L. E. Martin
'61.59

One Hundred and Forty-Fifth
Annual Report of the Trustees

of

THE MASSACHUSETTS GENERAL HOSPITAL

Including the General Hospital in Boston
and the
McLean Hospital in Belmont

For the Year
1958
Officers and Staff
1959

BOSTON : MASSACHUSETTS

FORMS OF LEGACIES

A. *An Unrestricted Legacy*

"I give to The Massachusetts General Hospital, a corporation organized under the laws of Massachusetts and situated in Boston, Massachusetts, ...($)."

Money given in this way may be used by the Hospital for any purpose within the scope of its powers. Both principal and income may be so used.

B. *A Legacy Restricted as to Principal but Not Restricted as to Income*

"I give to The Massachusetts General Hospital, a corporation organized under the laws of Massachusetts and situated in Boston, Massachusetts, ...($). The principal of this gift shall be held and may be mingled with other funds of the Hospital for investment. The Hospital may expend the income for any purpose within the scope of its powers. (The following sentence is optional.) This gift is made in memory of ..... and shall be known as the ..... Fund."

Money given in this way establishes a permanent fund.

C. *A Legacy Intended for a Special Purpose*

Where either principal or income of a bequest is to be restricted to some special purpose of the Hospital, it is suggested that the testator contact the Treasurer's Office, 45 Milk Street, Boston.

Member of United Community Services of Metropolitan Boston

Member of American Hospital Association

Accredited by the Joint Commission on Accreditation of Hospitals of the United States and Canada

Approved by American Medical Association for Residencies and Internships

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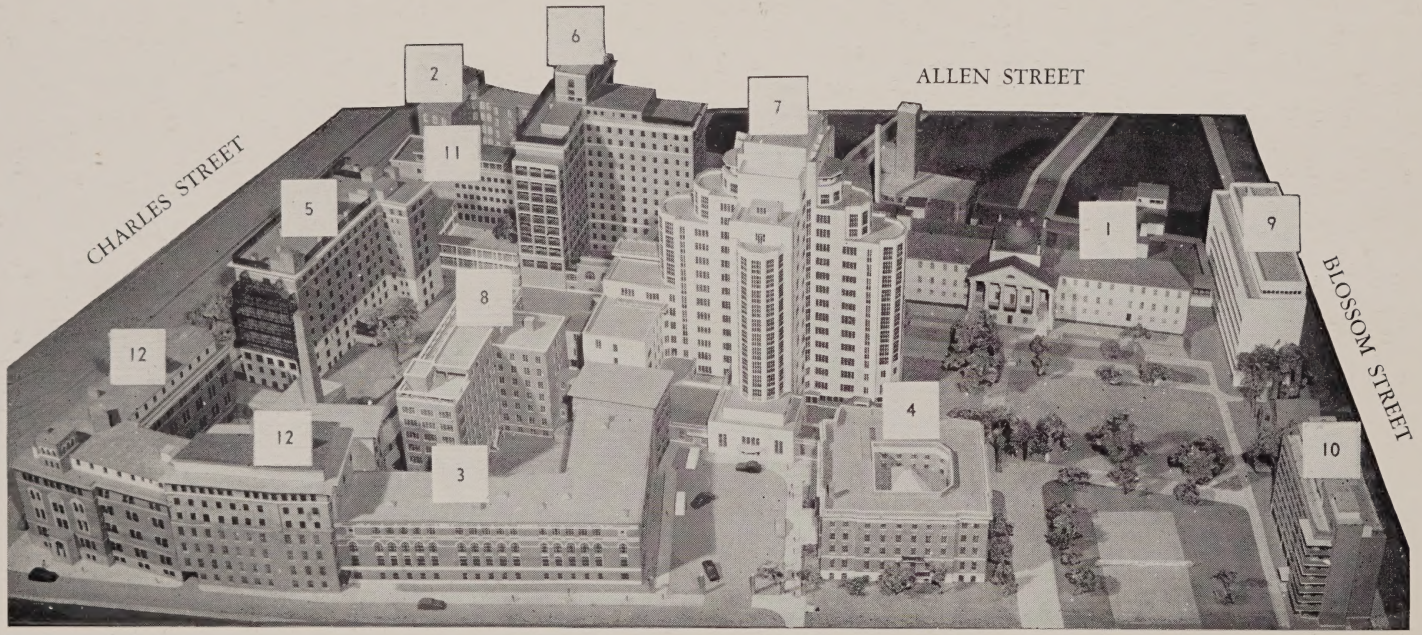

THE MASSACHUSETTS GENERAL HOSPITAL

1. Bulfinch Building (1821); 2. Thayer House Nurses' Residence (1883); 3. The Clinics Building (1903); 4. Moseley Building (1916); 5. Phillips House (1917); 6. Baker Memorial (1930); 7. George Robert White Building (1939); 8. Vincent Memorial Hospital and Burnham Memorial for Children (1947); 9. Research Building (1951); 10. Bartlett Hall Nurses' Residence (1953); 11. Warren Building (1956); 12. *Massachusetts Eye and Ear Infirmary* (1899).

One Hundred and Forty-Fifth
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OF

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Including the General Hospital in Boston
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1959

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BOSTON · MASSACHUSETTS

Information

THE MASSACHUSETTS GENERAL HOSPITAL is a private, incorporated institution supported solely by voluntary contributions and the receipts from those patients who pay board. It consists of three main divisions: The General Hospital for those unable to pay for private medical care, The Baker Memorial for private patients of moderate means, and the Phillips House for private patients. All three divisions are for the care of acutely ill persons, or for such chronic cases as can be substantially relieved by hospitalization of short duration.

THE GENERAL HOSPITAL

Entrance: Fruit Street, end of North Grove Street. Telephone—LA 3-8200.

Arrangements for the admission of patients to the General Hospital should be made at the Admitting Office in the George Robert White Building (Extension 414).

Emergencies are admitted at any hour; arrangements should be made by telephone. Persons injured by accident or overcome by acute illness may come to the Emergency Ward at the Hospital entrance at any time.

The rate in the general wards is $23.00 per day for board plus charges for additional services, such as laboratory, X-rays, operating room and special medicine.

The Clinics of the Massachusetts General Hospital and the Massachusetts Eye and Ear Infirmary, open for admission from 8:15 to 10:00 o'clock each morning, are for patients who can not afford the cost of private medical care. Appointments may be made by mail, telephone, or personal application at the Admitting Desk.

THE BAKER MEMORIAL

Entrance: Same as the General Hospital. Telephone — LA 3-8200.

The Baker Memorial is for patients of moderate means. Arrangements for admission should be made at the Admitting Office in The Baker Memorial (Extension 446).

Patients may be referred by any physician, but may be attended only by members of the Staff of the Massachusetts General Hospital and the Massachusetts Eye and Ear Infirmary.

Single, 2-bed and 4-bed rooms are offered from $23.00 to $28.00 per day plus appropriate physicians' fees and charges for additional services.

THE PHILLIPS HOUSE

Entrance: 265 Charles Street. Telephone—LA 3-8200.

Information about admission may be obtained at the Phillips House Admitting Office. Patients may be referred by any physician, but may be attended only by members of the Staff of the Massachusetts General Hospital and the Massachusetts Eye and Ear Infirmary.

The Phillips House offers only single rooms, from $31.00 to $42.00 per day plus charges for additional services. Attending physicians arrange their own fees.

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1958 *Sidney R. Rabb, 393 D Street, So. Boston

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June and December
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John G. Freymann, M.D.
Joseph W. Gardella, M.D.
Thomas C. Hall, M.D.
John Homans, Jr., M.D.
John W. Irwin, M.D.
H. Walter Jones, Jr., M.D.
Lewis W. Kane, M.D.
John W. Keller, M.D.
John H. Knowles, M.D.
Stephen M. Krane, M.D.
John W. Littlefield, M.D.
William F. McNeeley, M.D.
Farahe Maloof, M.D.
Edwin P. Maynard, III, M.D.
Lot B. Page, M.D.
Sholem Postel, M.D.
Walter T. St. Goar, M.D.
Guillermo C. Sanchez, M.D.
John T. Sharp, M.D.
William D. Sohier, Jr., M.D.
Joseph Stokes, III, M.D.
Frank A. Warner, M.D.

Associate Physicist

Gordon L. Brownell, PH.D.

Associate Biologists

Nancy L. R. Bucher, M.D.
Jerome Gross, M.D.

Assistant Physicists

Saul Aronow, PH.D.
William H. Ellett, B.SC.
Emery Nyilas, CH.E.

Associate Biophysicist

Jesse F. Scott, M.D.

Associate Biochemists

Lewis L. Engel, PH.D.
John Gergely, M.D.
Mahlon B. Hoagland, M.D.
Roger W. Jeanloz, D.SC.
Robert B. Loftfield, M.D.
Karl Schmid, PH.D.

Assistant Biochemist

Leonard B. Spector, PH.D.

Associate Immunologist

Sidney Leskowitz, PH.D.

Assistant Immunologist

Edna M. Follensby, PH.D.

Research Associate

Grace Margaret Rourke

DERMATOLOGY

Chief of Service

*Thomas B. Fitzpatrick, M.D.

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*July 1, 1959

Dermatologist
Maurice M. Tolman, M.D.

Associate Dermatologists
John Adams, Jr., M.D.
Walter F. Lever, M.D.

Assistant Dermatologists
Earl A. Glicklich, M.D.
Robert D. Griesemer, M.D.
Milton E. Helman, M.D.
William R. Hill, Jr., M.D.
Mildred L. Ryan, M.D.
Robert F. Tilley, M.D.

Assistants in Dermatology
Clito R. Damiani, M.D.
Basil C. Gray, M.D.
Margaret B. Hussey, M.D.
Charles S. Keuper, M.D.
John E. LeDonne, M.D.
Philip L. McCarthy, M.D.
Myron H. Matz, M.D.
James F. Patterson, M.D.
Sabino J. Sinesi, M.D.
Arthur S. Spangler, M.D.

Associate Biochemist
Irvin H. Blank, PH.D.

NEUROLOGY

Chief of Service
Raymond D. Adams, M.D.

Neurologists
Madelaine R. Brown, M.D.
Mandel E. Cohen, M.D.
Edwin M. Cole, M.D.
C. Miller Fisher, M.D.
Robert S. Schwab, M.D.

Associate Neurologists
Philip R. Dodge, M.D.
Vincent P. Perlo, M.D.
Edward P. Richardson, Jr., M.D.
William H. Timberlake, M.D.
Maurice Victor, M.D.

Assistant Neurologists
John A. Abbott, M.D.
Pierre M. Dreyfus, M.D.
Henry deF. Webster, M.D.

Assistants in Neurology
John S. Barlow, M.D.
Albert C. England, Jr., M.D.
Richard L. Sidman, M.D.
Ruth E. Stauffer, M.D.
Karel van Syckel Toll, M.D.

Neurophysiologist
Mary A. B. Brazier, PH.D.

Associate Bacteriologist
Byron H. Waksman, M.D.

PSYCHIATRY

Chief of Service

Erich Lindemann, M.D., PH.D.

Psychiatrists

Paul M. Howard, M.D. Alfred H. Stanton, M.D.
Elizabeth R. Zetzel, M.D.

Associate Psychiatrists

Herbert Barry, Jr., M.D. John C. Nemiah, M.D.
Gerald Caplan, M.D. Gardner C. Quarton, M.D.
Morris E. Chafetz, M.D. Peter E. Sifneos, M.D.
John H. Lamont, M.D. Jerome L. Weinberger, M.D.
Avery D. Weisman, M.D.

Assistant Psychiatrists

Clemens E. Benda, M.D. Volta R. Hall, M.D.
Franklin Carter, M.D. Richmond Holder, M.D.
Daniel C. Dawes, M.D. Samuel Kaplan, M.D.
Frank R. Ervin, M.D. Robert T. Long, M.D.
Benjamin F. Gill, M.D. Maria Lorenz, M.D.
Thomas P. Hackett, M.D. Walter Mann, M.D.
Vernon P. Williams, M.D.

Assistants in Psychiatry

Norman R. Bernstein, M.D. Helen M. Herzan, M.D.
Frances J. Bonner, M.D. Philip H. Leiderman, M.D.
Gerald E. Davidson, M.D. Robert J. Lifton, M.D.
Abraham L. Finesinger, M.D. Maxwell G. Potter, M.D.
Howard T. Hermann, M.D. I. Paley Rak, M.D.
Jackson M. Thomas, M.D.

Psychologist

John M. von Felsinger, PH.D.

Associate Psychologists

Marc A. Fried, PH.D. Donald C. Klein, PH.D.
George A. Talland, PH.D.

Assistant Psychologists

Howard T. Blane, PH.D. Richard R. Peebles, PH.D.
Philip E. Kubzansky, PH.D. Donald L. Weston, PH.D.
Irving Wolf, PH.D.

Associate Sociologist

A. Paul Hare, PH.D.

Assistant Sociologists

Ray H. Elling, PH.D. Louisa P. Howe, PH.D.

CHILDREN'S MEDICAL SERVICE

Chief of Service

Allan M. Butler, M.D.

Physicians to Children's Medical Service

Leo B. Burgin, M.D.
John D. Crawford, M.D.
Ralph A. Ross, M.D.
Nathan B. Talbot, M.D.

Associate Physicians to Children's Medical Service

T. Berry Brazelton, M.D.
William A. Dickson, M.D.
Philip R. Dodge, M.D.
Robert N. Ganz, M.D.
Alexander S. Nadas, M.D.
Gertrud C. Reyersbach, M.D.
Mary Louise Scholl, M.D.
Louis Weinstein, M.D.
Eleonore C. Zaudy, M.D.

Assistant Physicians to Children's Medical Service

Albert Cohen, M.D.
LeRoy L. Eldredge, Jr., M.D.
Lawrence J. Essember, M.D.
Robert J. Haggerty, M.D.
Richard B. Kearsley, M.D.
Joseph J. McGovern, M.D.
Thomas C. Peebles, M.D.
Murray E. Pendleton, M.D.
William Pfeffer, Jr., M.D.
Charles V. Pryles, M.D.
Robert H. Richie, Jr., M.D.
John S. Robey, M.D.
Robert T. Sceery, M.D.
Marion L. Slemons, M.D.
Wilhemina Van Dyke, M.D.
Richard H. Watson, M.D.

Assistants to Children's Medical Service

Donald J. Annino, M.D.
John A. Duggan, M.D.
Thomas Frank, M.D.
Michael P. Tristan, M.D.
Dorothy B. Villee, M.D.
Thomas J. Whitfield, III, M.D.

SURGICAL DIVISION

GENERAL SURGERY

Chief of Surgical Services

Edward D. Churchill, M.D.

Consulting Visiting Surgeons

*Leland S. McKittrick, M.D.
*Joe V. Meigs, M.D.

Visiting Surgeons

Marshall K. Bartlett, M.D.
Bradford Cannon, M.D.
Oliver Cope, M.D.
Edward Hamlin, Jr., M.D.
Robert R. Linton, M.D.
Richard H. Sweet, M.D.
Claude E. Welch, M.D.

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*Board of Consultation 7.1.59

Associate Visiting Surgeons

Gordon A. Donaldson, M.D.
F. Thomas Gephart, M.D.
Francis M. Ingersoll, M.D.
William V. McDermott, Jr., M.D.
J. Gordon Scannell, M.D.
William R. Waddell, M.D.

Assistant Surgeons

Charles B. Burbank, M.D.
Thomas H. Green, Jr., M.D.
Ward I. Gregg, M.D.
Roy E. Mabrey, M.D.
John B. McKittrick, M.D.
George L. Nardi, M.D.
William C. Quinby, Jr., M.D.
John W. Raker, M.D.
Grant V. Rodkey, M.D.
William P. Rogers, Jr., M.D.
Robert S. Shaw, M.D.
Frank C. Wheelock, Jr., M.D.
Earle W. Wilkins, Jr., M.D.

Assistants in Surgery

Richard C. Austin, M.D.
Benjamin A. Barnes, M.D.
Glenn E. Behringer, M.D.
John F. Burke, M.D.
Richard R. Curtin, M.D.
Hermes C. Grillo, M.D.
John M. Head, M.D.
William H. Hendren, III, M.D.
Charles G. Mixter, Jr., M.D.
George S. Richardson, M.D.
Paul S. Russell, M.D.

ANESTHESIA

Chief of Service

Henry K. Beecher, M.D.

Anesthetist

John P. Bunker, M.D.

Associate Anesthetists

Henrik Holt Bendixen, M.D.
John W. D. Garrett, M.D.
Phillips Hallowell, M.D.
Donald P. Todd, M.D.

Assistant Anesthetists

Donald P. Pederson, M.D.
Henning Pontoppidan, M.D.
Porter H. Smith, M.D.

Assistant in Anesthesia

Sarita G. Walzer, M.D.

ENDOSCOPY

Endoscopist

Edward B. Benedict, M.D.

GYNECOLOGY

Chief of Service
Howard Ulfelder, M.D.

Staff shared with General Medical and Surgical Services

NEUROSURGERY

Chief of Service
James C. White, M.D.

Visiting Neurosurgeon
William H. Sweet, M.D.

Associate Visiting Neurosurgeon
H. Thomas Ballantine, Jr., M.D.

Assistants in Neurosurgery
Louis Bakay, M.D.
Hannibal Hamlin, M.D.
Vernon H. Mark, M.D.

Associate Biophysicist in Neurosurgery
Humberto Fernandez-Moran V., M.D.

Associate Biochemist in Neurosurgery
Adelbert Ames, III, M.D.

Associate Biologist in Neurosurgery
Eugene Bell, M.SC., PH.D.

Assistant Chemist in Neurosurgery
Albert H. Soloway, PH.D.

ORTHOPEDIC SURGERY

Chief of Service
Joseph S. Barr, M.D.

Consulting Visiting Orthopedic Surgeon
Edwin F. Cave, M.D.

Visiting Orthopedic Surgeons
Otto E. Aufranc, M.D.
Thornton Brown, M.D.
Paul L. Norton, M.D.

Assistant Orthopedic Surgeons
Thomas F. Broderick, Jr., M.D.
Eugene E. Record, M.D.
Robert J. Joplin, M.D.
John A. Reidy, M.D.
Carter R. Rowe, M.D.

Assistants in Orthopedic Surgery

Thomas L. DeLorme, M.D.
Melvin J. Glimcher, M.D.
William N. Jones, M.D.
J. Drennan Lowell, M.D.
William R. MacAusland, Jr., M.D
Richard A. Mayo, M.D.
Morten Smith-Petersen, M.D.

Podiatrist

John F. Kelly, D.S.C.

Assistant Podiatrists

John D. McLean, D.S.C.
Hugh J. O'Rourke, D.S.C.

UROLOGY

Chief of Service

Wyland F. Leadbetter, M.D.

Visiting Urologist

Sylvester B. Kelley, M.D.

Associate Visiting Urologist

Howard I. Suby, M.D.

Assistant Urologists

Walter S. Kerr, Jr., M.D.
Lorande M. Woodruff, M.D.

Assistants in Urology

Joshua J. Hurwitz, M.D.
Edward C. Parkhurst, M.D.
Harold A. Rudy, M.D.

OBSTETRICS

Associate Obstetricians

Robert H. Barker, M.D.
A. Gordon Gauld, M.D.
Samuel B. Kirkwood, M.D.
John L. Newell, M.D.
Charles P. Sheldon, M.D.

Assistant Obstetricians

Daniel Abramson, M.D.
Christopher J. Duncan, M.D.
Luke Gillespie, M.D.
Richard H. Grogan, M.D.
Daniel H. Hindman, M.D.
Herbert T. Leighton, M.D.
George E. May, M.D.
Francis Rouillard, M.D.
Weston F. Sewall, M.D.
Bartlett H. Stone, M.D.
Charles L. Sullivan, M.D.
Benjamin Tenney, Jr., M.D.

DENTISTRY

Oral Surgeon and Chief of Dental Service

David Weisberger, M.D., D.M.D.

Assistant Oral Surgeons

Harold A. Carnes, D.M.D.
Henry J. Carney, D.M.D.
George Christman, D.M.D.
Walter C. Guralnick, D.M.D.

Dental Surgeons

Neville A. Booth, D.M.D.
Peter A. Dempsey, D.M.D.
Owen W. Kite, D.D.S.
Glenn W. Lawrence, D.M.D.
Robert C. Lincoln, D.M.D.
Richard L. Miner, D.D.S.
Robert G. Rae, D.M.D.
Frank I. Rhodes, D.M.D.
Charles E. Rounds, D.M.D.
Norman Trieger, D.M.D.
Earl J. Waddington, D.M.D.
Jerome K. Walker, D.M.D., M.D.

Assistant Dental Surgeons

Harold A. Bratt, D.M.D.
William L. Cosgrove, D.M.D.
Charles H. Endee, D.M.D.
Frederick J. Feeney, D.M.D.
Henry D. Howe, D.M.D.
Julius J. Levitan, D.M.D.
Morton J. Olin, D.M.D.
Symon C. Polansky, D.M.D.
Frederick K. Poulin, D.M.D.
Keith A. Shangraw, D.M.D.
John B. Taylor, D.D.S.
R. Ronald Wyman, D.M.D.

DEPARTMENTS

PATHOLOGY

Chief of Department

Benjamin Castleman, M.D.

Associate Pathologists

Robert E. Scully, M.D.
Edgar B. Taft, M.D.
Austin L. Vickery, Jr., M.D.

Assistant Pathologists

Richard B. Cohen, M.D.
†Winfield S. Morgan, M.D.
†Agnes Burt Russfield, M.D.
David Spiro, M.D., PH.D.

Associate Visiting Pathologist

Ronald C. Sniffen, M.D.

Assistants in Pathology

Leonard Atkins, M.D.
*James B. Caulfield, M.D.
H. Robert Dudley, Jr., M.D.
*Richard J. Stenger, M.D.
Priscilla Dienes Taft, M.D.

Neuropathologists

Raymond D. Adams, M.D.
Edward P. Richardson, Jr., M.D.

Associate Neuropathologist

C. Miller Fisher, M.D.

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†On leave of absence
*July 1, 1959

Associate Pharmacologist
Alexander D. Kenny, PH.D.

Consultants in Forensic Pathology
Richard Ford, M.D. Michael A. Luongo, M.D.

BACTERIOLOGY

Assistant Bacteriologist
Lawrence J. Kunz, PH.D.

Consulting Bacteriologist
Louis Dienes, M.D.

RADIOLOGY

Chief of Department
Laurence L. Robbins, M.D.

Radiologists
Milford D. Schulz, M.D. Stanley M. Wyman, M.D.

Associate Radiologists
*Paul M. G. St. Aubin, M.D. Chiu-chen Wang, M.D.

Assistant Radiologists
Jack R. Dreyfuss, M.D. Henry P. Pendergrass, M.D.
J. Malcolm McNeill, M.D. Frederick S. Tomchik, M.D.

Assistants in Radiology
Richard G. O'Brien, M.D. Majic S. Potsaid, M.D.
Robert S. Richards, M.D.

Engineer
Oliver E. Merrill, B.E.E.

Physicist
Edward W. Webster, PH.D.

Assistant Physicist
Eugene T. Agard, M.SC.

PHYSICAL MEDICINE

Chief of Physical Medicine
Arthur L. Watkins, M.D.

BLOOD BANK

Director
Morten Grove-Rasmussen, M.D.

*Aug. 1, 1959

Assistant Director
Robert S. Shaw, M.D.

CONSULTANTS

Consultant in Tropical Diseases
George C. Shattuck, M.D.

Consultant in Preventive Medicine
John E. Gordon, M.D.

Consultants in Medicine
Benjamin G. Ferris, M.D. Conrad Wesselhoeft, M.D.

Consultants to Children's Medical Service
William Berenberg, M.D. Louis K. Diamond, M.D.
Stewart H. Clifford, M.D. Clement A. Smith, M.D.

Consultant in Surgery
Augustus Thorndike, M.D.

Consultant in Neurosurgery
Oscar Hirsch, M.D.

Consultants to Orthopedic Service
Morris Cohen, PH.D. Alan J. Hodge, PH.D.
George Scatchard, PH.D.

Consultant in Pharmacology
Otto Krayer, M.D.

Consultants in Physics
Robley D. Evans, PH.D. John G. Trump, D.SC.

Consultant in Neurophysiology
Alexander Forbes, M.D.

Consultant in Biomechanics
Robert J. Hansen, D.SC.

ASSOCIATE STAFF

Clinical Associates in Medicine
John R. Graham, M.D. Henry D. Stebbins, M.D.
David Littmann, M.D. Frederic Tudor, M.D.
Sylvester McGinn, M.D. Arthur A. Wills, Jr., M.D.
John W. Zeller, M.D.

Clinical Associates in Dermatology
Alan P. Freedberg, M.D. John L. Fromer, M.D.

Clinical Associate in Psychiatry

Lionelle D. Wells, M.D.

Clinical Associates in Children's Medicine

Doris R. Bennett, M.D.
Ralph W. Daffinee, M.D.
Edward C. Dyer, M.D.
John G. Flynn, M.D.
Theodore S. Golden, M.D.
Joseph L. Lewis, M.D.
Francis C. McDonald, M.D.
James A. O'Shea, M.D.
Walter Pick, M.D.
Leonard H. Plotkin, M.D.
Robert F. Wilson, M.D.

Clinical Associates in Surgery

Donald V. Baker, Jr., M.D.
Martin J. Bellinger, M.D.
Chester J. Dexter, M.D.
George F. Emerson, M.D.
Gerald G. Garcelon, M.D.
Walter E. Garrey, M.D.
John B. Graham, M.D.
Irad B. Hardy, Jr., M.D.
Joseph A. Holmes, M.D.
William K. McClelland, M.D.
George A. Marks, M.D.
Carroll C. Miller, M.D.
Joseph E. Murray, M.D.
Spiros P. Sarris, M.D.
James M. Shannon, M.D.
Lamar Soutter, M.D.
John W. Spellman, M.D.
Richard H. Thompson, M.D.
Masao Yatsuhashi, M.D.

Clinical Associates in Neurosurgery

Samuel Lowis, M.D.
Jost J. Michelsen, M.D.
Bertram Selverstone, M.D.

Clinical Associate in Orthopedic Surgery

Williams Cochran, M.D.

Clinical Associate in Urology

Emil J. Ganem, M.D.

Clinical Associates in Radiology

Joseph Hanelin, M.D.
H. Peter Mueller, M.D.
Richard Schatzki, M.D.

Clinical Associates in Dentistry

Herman DeWilde, D.M.D.
Norton Fishman, D.M.D.
Merton W. Foss, D.M.D.
Daniel J. Holland, Jr., D.D.S.
George M. Noss, D.M.D.
Howard C. Reith, D.M.D.
Edward L. Sleeper, D.D.S.
Ralph D. Thompson, D.M.D.

Clinical Associate in Pathology

Robert Fienberg, M.D.

CLINICAL ASSISTANTS

Medicine

Alan C. Aisenberg, M.D.
John F. Bertles, M.D.
Arthur E. Brown, M.D.
Albert I. C. DeFriez, M.D.
Ellis Dresner, M.D.
Irving H. Itkin, M.D.
Louis Kunian, M.D.
Edward S. Rendall, M.D.
Raymond J. Savignac, M.D.
Hugh Tatlock, M.D.
Gordon D. Winchell, M.D.

Dermatology

Nicholas J. Fiumara, M.D.

Psychiatry

Lionel A. Schwartz, M.D.

Surgery

Frank Cesare, M.D.
Ralph C. Darling, M.D.
Frederick McA. Davies, M.D.
James M. Doonan, M.D.
Frank W. Garran, Jr., M.D.
Paul F. Gryska, M.D.
Eugene Guralnick, M.D.
Knowles B. Lawrence, M.D.
Theodore M. Leary, M.D.
Phyllis MacNeil, M.D.
Raymond E. Militzer, M.D.
Albert S. Murphy, M.D.
Aram Roopenian, M.D.
John L. Rowbotham, M.D.
Clarke Staples, M.D.
D. Albert Young, M.D.

Orthopedic Surgery

Robert B. Brendze, M.D.
Gerald S. Brickman, M.D.
Joseph H. Dimon, III, M.D.
Gardner F. Fay, M.D.
Verner S. Johnson, M.D.

Neurosurgery

Raymond N. Kjellberg, M.D.

Radiology

James A. Peterson, M.D.

Pathology

G. Richard Dickersin, M.D.

Dentistry

Norton Fishman, D.M.D.
Earle H. Rosenberg, D.M.D.

HOUSE STAFF

Residents and Interns

As of January 1, 1959, with subsequent appointments

Medicine

Chief Resident:
Donald B. Martin, M.D.

Residents:
Frank K. Austen, M.D.
Peter J. Gomatos, M.D.
Robert H. Jones, M.D.
Jan Koch-Weser, M.D.
Marvin M. Lipman, M.D.
Harvey D. Rothberg, M.D.

Assistant Residents:

Richard H. Aster, M.D.
George P. Baker, Jr., M.D.
Roman W. DeSanctis, M.D.
Thomas E. Gaffney, M.D.
Mehran Goulian, M.D.
Robert B. Layzer, M.D.
John T. Potts, M.D.
John W. Singleton, M.D.
Donald W. Sutherland, M.D.
David Van Buskirk, M.D.
Herbert Wohl, M.D.
Peter M. Yurchak, M.D.

Interns:

Arthur K. Asbury, M.D.
Caesar Briefer, Jr., M.D.
William T. Butler, M.D.
Cecil H. Coggins, M.D.
Myron A. Hofer, II, M.D.
George A. Jacoby, Jr., M.D.
Myron Lotz, M.D.
Robert H. Schapiro, M.D.
Robert T. Schimke, M.D.
Rodman D. Starke, M.D.
William E. Strole, Jr., M.D.
Hibbard E. Williams, M.D.
Bernard F. Mach, M.D.

Dermatology

Resident:

E. William Rosenberg, M.D.

Assistant Residents:

Ken Hashimoto, M.D.
Edmund Klein, M.D.
Arthur S. Lurie, M.D.

Neurology

Residents:

Hugo W. Moser, M.D.
David C. Poskanzer, M.D.

Assistant Residents:

Barry G. W. Arnason, M.D.
Chaim I. Mayman, M.D.
Gerald F. Winkler, M.D.

Psychiatry

Assistant Residents:

Habibolah Davanloo, M.D.
Zbigniew J. Lipowski, M.D.
Harry S. Olin, M.D.
Bal Makund Sahay, M.D.

Children's Medicine

Chief Resident:

Gerhard Nellhaus, M.D.

Assistant Residents:

Niels E. Brandstrup, M.D.
Robert W. Chamberlin, Jr., M.D.
Stanford B. Friedman, M.D.
Milton S. Grossman, M.D.
Herbert A. Haessler, M.D.
Joan Kazanjian, M.D.
Howard S. King, M.D.
Herbert A. Newman, M.D.
Patrick F. Rose, M.D.
Jordan S. Ruboy, M.D.

Interns:

David W. Bailey, M.D.
Russell W. Sanders, M.D.

Surgery

Residents:

John D. Constable, M.D.
George D. Zuidema, M.D.

First Assistant Residents:

William G. Austen, M.D.
Edwin L. Carter, M.D.
Edward L. Ferguson, M.D.
Ira A. Ferguson, Jr., M.D.
Timothy S. Harrison, M.D.
Eugene R. Nobles, Jr., M.D.
Farrokh Saidi, M.D.

Second Assistant Residents:

Donavin A. Baumgartner, Jr., M.D.
Oscar S. DePriest, III, M.D.
Louis H. Edmunds, Jr., M.D.
Jack J. Greenberg, M.D.
John W. Grover, M.D.
Dale G. Johnson, M.D.
Walter E. Klingensmith, M.D.
Donald M. McKee, M.D.
John A Mannick, M.D.
Harold May, M.D.
Anthony P. Monaco, M.D.
Jens G. Rosenkrantz, M.D.
Edwin W. Salzman, M.D.

Third Assistant Residents:

Bob Bullwinkel, M.D.
Moses J. Folkman, M.D.
Abdollah Gashgai, M.D.
John B. Herrmann, M.D.
Mark M. Kartchner, M.D.
John L. Lewis, Jr., M.D.
Ronald A. Malt, M.D.
Gustave C. E. Mueller, M.D.
John P. Remensnyder, Jr. M.D.
Dwight R. Robinson, M.D.
Clarence G. Wheeler, M.D.
George M. Williams, M.D.

Interns:

Stanley P. Bohrer, M.D.
Mortimer J. Buckley, Jr., M.D.
Willard M. Daggert, Jr., M.D.
Lewis P. James, Jr., M.D.
John W. Madden, M.D.
Anthony S. Patton, M.D.
Don C. Pearl, Jr., M.D.
John T. Porvaznik, Jr., M.D.

Neurosurgery

Residents:

Raymond N. Kjellberg, M.D.
Dagoberto Sosa, M.D.

Assistant Residents:

David M. Klein, M.D.
John Mealey, Jr., M.D.
Robert G. Ojemann, M.D.
Clyde N. Shealy, M.D.
Nicholas T. Zervas, M.D.

Anesthesia

Resident:
John E. Mazuzan, Jr., M.D.

Assistant Residents:

George E. Battit, M.D.
Richard F. Jackanich, M.D.
Alan H. Goldberg, M.D.
Thomas J. Keenan, M.D.
Robert A. Schmidt, M.D.
Susanne J. Lamdin, M.D.
Norman T. Smith, M.D.
Barbara E. Waud, M.D.
Walter P. Zmyslowski, M.D.

Orthopedics

Residents:

William H. Harris, M.D.
Scott Adler, M.D.
John B Tallon, M.D.

Assistant Residents:

James P. Bell, M.D.
Frank W. Bora, Jr., M.D.
Fernando A. Cardenal, M.D.
Joseph H. Dimon, III, M.D.

David W. Florence, M.D.
Walid A. Mnaymneh, M.D.
John W. Saville, M.D.
Edwin T. Wyman, M.D.

Urology

Resident:
Guy W. Leadbetter, Jr., M.D.

Assistant Residents:
James H. Duxbury, M.D.
Stuart E. Price, Jr., M.D.
Richard L. Sallade, M.D.

Pathology

Assistant Residents:
Alexander Breslow, M.D.
George H. Collins, M.D.
Luis L. de Mola, M.D.
Harold T. Dillon, Jr., M.D.
Donald J. Glotzer, M.D.
Wallace A. Jones, M.D.
Betty Jane McClellan, M.D.
Robert B. McFarland, M.D.
Victor J. Rosen, Jr., M.D.
Giles D. Toll, M.D.

Intern:
Harrison C. Anderson, M.D.

Radiology

Residents:
John T. Pollard, Jr., M.D.
Alfred L. Weber, M.D.

Assistant Residents:
Elwin W. Donnelly, M.D.
John B. Little, M.D.
William T. McCoy, M.D.
Yosh Maruyama, M.D.
D. Glyn Millard, M.D.
Stefan C. Schatzki, M.D.
Clinton B. Seeley, M.D.
Harold Simon, M.D.
Walther T. Weylman, M.D.

Dental

Assistant Resident:
H. David Hall, D.M.D.

Interns:
Joseph C. Oakley, D.M.D.
William H. Tingey, Jr., D.M.D.

CLINICAL AND RESEARCH FELLOWS

Medicine

William C. Amman, M.D.
Mary Day Albert, PH.D.
William H. Batchelor, M.D.
Christian Beckers, M.D.
Paul H. Black, M.D.
Willi Burgi, M.D.
Edgardo G. Carrasco, M.D.
Edgar S. Cathcart, M.D.
James J. A. Cavanaugh, M.D.
Alan S. Cohen, M.D.
Anthony M. Dawson, M.D.
Leslie J. DeGroot, M.D.
John Denovian, M.D.
Jacques E. Dumont, M.D.
Karl Dus, PH.D.
Edwin H. Eylar, PH.D.
Daniel D. Federman, M.D.
Howard S. Frazier, M.D.
Ingrid Gamstorp, M.D.
Lamont W. Gaston, M.D.
Zofia T. Glazer, PH.D.
Richard M. Hays, M.D.
Guy J. Isaac, M.D.
Jorgen G. Jacobsen, M.D.
Robert E. Kahn, M.D.
Charles S. Keevil, Jr., M.D.

Arthur Klein, M.D.
Marvin R. Lamborg, PH.D.
Ezra Lamdin, M.D.
Borge Larsen, M.S.
John K. Leach, M.D.
Charles I. Levene, M.D.
Barbara Lipowska, M.D.
Augusto Litonjua, M.D.
LeRoy H. Maffly, M.D.
Antal M. Martonosi, M.D.
Josip Matovinovic, M.D.
Pierre A. Maurice, M.D.
Roger E. Monier, PH.D.
Richard S. Morgan, M.D.
Hans Nevinny-Stickel, M.D.
Thomas Nussbaumer, PH.D.
Charles J. Parker, Jr., PH.D.
Maurice M. Pechet, M.D.
Annette M. C. Rapin, M.D.
Gilberto Reboucas, M.D.
Hugues Ryser, M.D.
Bruce J. Sams, M.D.
Charles A. Sanders, M.D.
Elihu M. Schimmel, M.D.
Adalbert F. Schubart, M.D.
Elizabeth M. Sparrow, PH.D.
Mary J. Spiro, PH.D.
Robert G. Spiro, M.D.
Dorothy K. Stearns, PH.D.
Mary L. Stephenson, PH.D.
Anne M. Stoffyn, PH.D.
Pierre J. Stoffyn, PH.D.
Kathleen Stratton, PH.D.
Lloyd B. Tepper, M.D.
Arnold van den Hooff, M.D.
William H. Shafer, M.D.
Irving Welliky, PH.D.
Robert G. Willocx, M.D.

Dermatology

Bronius Baskys, M.D.
Laszlo L. Fekete, M.D.
Ruth K. Freinkel, M.D.
Harlin G. Knierim, M.D.

Psychiatry

Margit M. Bellman, M.D.
Robert L. Bragg, M.D.
Richard J. Brown, M.D.
Herbert S. Cline, M.D.
Frederick J. Duhl, M.D.
Nancy A. Durant, M.D.
Robert C. Hume, M.D.
Gisela A. Meloy, M.D.
Jack H. Mendelson, M.D.
Norman Leo Paul, M.D.
Emil J. Pawlowski, M.D.
William Sharpe, Jr., M.D.
Nathan T. Sidley, M.D.
Ingrid Sondergaard, M.D.
Richard H. Smith, M.D.
Robert T. Spalding, M.D.

Psychology

Sidney Gelfand, PH.D.
James G. Kelly, PH.D.
Ascanio M. Rossi, PH.D.

Children's Medical

William J. Adelson, M.D.
Ann B. Barnet, M.D.
Margaret A Single, M.D.
Juan F. Sotos, M.D.
Markus F. Vest, M.D.
Alan Ziskind, M.D.

Neurology

Jean N. Angelo, M.D.
Noble K. David, M.D.
Frederick A. Horner, M.D.
Leonard W. Jarcho, M.D.
J. Gordon Millichap, M.D.
Ernest H. Picard, M.D.
Alexander Polak, M.D.
Edward F. Rabe, M.D.
Albrecht Struppler, M.D.
Elizabeth Struppler, M.D.
Irving Zieper, M.D.

Neuropathology

David A. Drachman, M.D.
Wayne M. Hebertson, M.D.
William E. Karnes, M.D.
Bruce W. Konigsmark, M.D.
Federico G. Lopes, M.D.
Paul R. McHugh, M.D.
Flavin C. A. Romanul, M.D.

Physical Medicine

David C. Blair, M.D.
Herman Wing, M.D.

Surgery

Paul J. Kestens, M.D.
Stefan Kozminski, M.D.
Annick Lazorthes, M.D.
Melvin Lederman, M.D.
Hugo M. Palazzi, M.D.
Anne Wight Phillips, M.D.
Octavio B. Tourinho, M.D.
Alejandro H. Villegas, M.D.

Neurosurgery

Jacques de Rougemont, M.D.
Helmut F. Hofmann, M.D.
Jesus S. Manlapez, M.D.
Clyde N. Shealy, M.D.

Orthopedics

Laurence C. Bonar, PH.D.
John R. Huckell, M.D.
Elton P. Katz, PH.D.
Harilaos T. Sakellarides, M.D.

Anesthesia

James E. Anliker, M.D.
William R. Brewster, Jr., M.D.
Franco R. Dinale, M.D.
Michael H. M. Dykes, M.D.
Gaza F. P. Kaplany, M.D.
Myron B. Laver, M.D.
Pierre Lazorthes, M.D.
Marie-Louise Levy, M.D.
Claus W. Reichle, M.D.
Beatrice E. Sleigh, M.D.
Gene M. Smith, PH.D.
Alfred D. Surtees, M.D.

Pathology

Jose N. Astacio, M.D.
Karolu C. Balogh, M.D.
Joseph W. Ferrebee, M.D.
Martin H. Flax, M.D.
Robert S. Harper, M.D.
George F. Kwass, M.D.
Lorna J. Langer, M.D.
Sanford I. Roth, M.D.
Joseph D. Sabella, M.D.
Richard W. Sagebiel, A.B.
Rudolf E. Siebenmann, M.D.
Richard J. Stenger, M.D.

Radiology

Louis J. du Preez, M.D.
Richard C. Packert, M.D.
Herbert Schunk, M.D.
Jack R. Starrett, M.D.
Maurice Thibault, M.D.

Urology

Khalil Abi-Torbey, M.D.
Hirsch W. Sulkowitch, M.D.

McLEAN HOSPITAL

List of Officers of the McLean Hospital will be found on page 191

The Ophthalmological and Otolaryngological needs of the Massachusetts General Hospital are served by the Massachusetts Eye and Ear Infirmary. Their Staff becomes a part of the Staff of the Massachusetts General Hospital and is as follows:

MASSACHUSETTS EYE AND EAR INFIRMARY

DEPARTMENT OF OPHTHALMOLOGY

Chief of Ophthalmology

Edwin B. Dunphy, M.D.

Consulting Chief of Ophthalmology

Frederick H. Verhoeff, M.D.

Surgeons in Ophthalmology

William P. Beetham, M.D.
Virgil G. Casten, M.D.
David G. Cogan, M.D.
Mahlon T. Easton, M.D.
Trygve Gundersen, M.D.
Brendan D. Leahey, M.D.

Associate Surgeons in Ophthalmology

Hugh C. Donahue, M.D.
Albert E. Sloane, M.D.
Garrett L. Sullivan, M.D.

Assistant Surgeons in Ophthalmology

Henry F. Allen, M.D.
Harry E. Braconier, M.D.
Frederic B. Breed, M.D.
Robert J. Brockhurst, M.D.
Thomas Cavanaugh, M.D.
Julian F. Chisholm, Jr., M.D.
Joseph M. Clough, M.D.
Edward E. Covitz, M.D.
Thomas P. Cronin, M.D.
Edwin B. Goodall, M.D.
W. Morton Grant, M.D.
Warren D. Haley, M.D.
Linley C. Happ, M.D.
John M. Hill, M.D.
Carl C. Johnson, M.D.
Sumner D. Liebman, M.D.
Charles H. MacLaughlin, M.D.
S. Forrest Martin, M.D.
Henry A. Mosher, M.D.
Richard B. Pippitt, M.D.
Abraham Pollen, M.D.
Karl Riemer, M.D.
Charles L. Schepens, M.D.
David H. Scott, M.D.
Earl S. Seale, M.D.
Taylor R. Smith, M.D.
William Stone, Jr., M.D.
Francis J. West, M.D.

Assistants in Ophthalmology

D. Robert Albert, M.D.
Peter Beck, M.D.
S. Arthur Boruchoff, M.D.
S. James Bullington, M.D.
Arthur F. Calnan, M.D.
Richard B. Chapman, M.D.
David D. Donaldson, M.D.
Joseph L. Dowling, Jr., M.D.
Carl G. Freese, M.D.
Robert J. Herm, M.D.
Paul D. Hurley, M.D.
Carl Kupfer, M.D.
Irwin T. Mancall, M.D.
Arthur M. Morrissey, M.D.
Bertha Offenbach, M.D.
Ichiro D. Okamura, M.D.
Irving L. Pavlo, M.D.
Charles D. J. Regan, M.D.
Paul M. Runge, M.D.
Baruch J. Sachs, M.D.
Alfred W. Scott, M.D.
John J. Sullivan, M.D.
Robert R. Trotter, M.D.

DEPARTMENT OF OTOLARYNGOLOGY

Chief of Otology and Laryngology

LeRoy A. Schall, M.D.

Surgeons in Otolaryngology

Walter J. E. Carroll, M.D.
Maurice G. Evans, M.D.
John R. Frazee, M.D.
Vincent J. Kelley, M.D.
John R. Richardson, M.D.
Francis L. Weille, M.D.

Associate Surgeons in Otolaryngology

J. Charles Drooker, M.D.
Joseph Lentine, M.D.
Donald K. Lewis, M.D.
John E. McKeigue, M.D.
Daniel Miller, M.D.
Herman J. Sternstein, M.D.
Bernard Zonderman, M.D.

Assistant Surgeons in Otolaryngology

Elizabeth DeBlois, M.D.
Kenneth A. Kazanjian, M.D.
Charles Kent, M.D.
William W. Montgomery, M.D.
George F. Reed, M.D.
William P. Rogers, Jr., M.D.
Maurice Ruben, M.D.
Frank R. Shlossberg, M.D.
Anthony Zovickian, M.D.

Assistants in Otolaryngology

Hugo D. Angelini, M.D.
Louis E. Griffey, M.D.
Lawrence S. Hirsch, M.D.
Robert E. Klotz, M.D.
Mendell Robinson, M.D.
Morris Swartz, M.D.
Albert Weiser, M.D.
Sidney R. Wilker, M.D.

One Hundred Forty-Fifth Report of the Trustees

THE Annual Report of the Trustees, generally, is a factual report of events of outstanding interest which, however, receive wider coverage in the specific reports of the Hospital Departments.

Appropriations approved by the Trustees indicate construction and alterations for better hospital service.

1) $50,000 from General Funds for completion of the psychiatric floor in the Warren Building
2) A sum not to exceed $100,000 for construction of the shell of two floors for the Orthopedic Research Laboratory
3) $43,200 for the alterations of two floors and nursing stations in the Baker Memorial
4) $80,000 for installation of emergency stand-by power plants

The Trustees were concerned about the low census of patients in the early months of 1958. It was obvious that a substantial deficit was building up. Hence, as of April 21, the rates throughout the Hospital were increased $2.00 per day, making the ward rate $23.00 per day. Methods of caution were recommended to reduce hospital expenses by 10% and work force by 5%. Despite this, however, the Treasurer's Report reveals a very substantial increase in the deficit compared to recent years.

October 16 marked the 112th Anniversary of the demonstration of the use of ether anesthesia by Dr. W. T. G. Morton, and was celebrated this year with an unusually interesting program sponsored by the MGH House Pupils Association. The House Pupils elected a new slate of officers: Dr. James M. Faulkner, President; Dr. Edward Hamlin, Jr., Vice-President; and Dr. Reed Harwood, Secretary-Treasurer. In conjunction with Ether Day, the Treadwell Library celebrated its 100th

anniversary with a sherry party at noon and a tour of the Hospital. The anniversary marked the establishment of the Treadwell Award to be given from time to time by the Hospital to an outstanding graduate of the Hospital's internship residency program, the winner to be selected by the Trustees on recommendation of the House Pupils Association and the General Executive Committee.

Dr. Robert F. Loeb, Professor of Medicine at Columbia University College of Physicians and Surgeons, and a graduate of the West Medical Service, 1920, was chosen as the first recipient of the award which was made on Ether Day. Doctor Loeb was presented with an appropriately designed scroll.

At the House Pupils Association Dinner at the Harvard Club on October 16, the formation of a new educational resource for the Hospital was announced. It was reported that a sum amounting to $20,000 had been subscribed by friends of Dr. Means to establish in his honor a James Howard Means Fund. This will enable the Hospital occasionally to invite a distinguished physician and scholar to spend some time with our Staff.

The Trustees are pleased to report that the Chester M. Jones Fund has been established for a lecture to be given each year as long as funds are available. There were also eight lectures given under the Richardson Fund, and the Lowell Lectures continued its series, this year at the Hospital.

Three things are of outstanding interest in the conduct of the McLean Hospital:

1) The Department of Social Science at the Hospital, organized during the year, has grown from two staff members to six, all of them supported by outside funds. This group, composed of social anthropologists, sociologists, and social scientists, represents a significant effort on the part of the Hospital to give to the psychological and environmental aspects of psychiatric illness and treatment a research attention complementary to the biological research programs now in an advanced state. While the program is new, and is pioneering in that such a department is still unusual in psychiatric hospitals, there is already reason to believe not only that the program will be of practical help in the understanding of patients and the personnel caring for

them, but that greater precision in analysis of the environmental aspect of illness will be of value for the biological clinical research. Of particular interest is the field trip made by Dr. Anne Parsons to Italy to study the influence of varying cultures upon the symptoms of severe psychiatric illness.

2) It is very gratifying to report that the achievements of the Research Laboratory have been recognized by contributions which will permit the expansion of the Laboratory. For some time the quarters have been overtaxed in view of the size of the research and educational program carried out by Drs. Folch-Pi and Pope, and early in the year a grant from the Kresge Foundation — matched by a federal grant — will permit the Laboratory to add the equivalent of about one full floor.

3) A pastoral training program was experimentally initiated during the year under the direction of the Reverend William Spofford. A number of pastoral interns spent ten weeks at the Hospital during the year, seeing patients as the need indicated, supervised both by the Reverend Spofford and by the psychiatrists at the Hospital.

The Trustees voted to have a memorial window in the Eliot Chapel in memory of Dr. W. Franklin Wood.

The dates of the meeting of the Scientific Advisory Committee were changed from December to the month of January, with the result that no meeting was actually held during the calendar year 1958. The present members of the Committee are: Charles B. Huggins, M.D., Department of Urology, University of Chicago Medical School; Seymour S. Kety, M.D., National Institute of Mental Health, Bethesda, Maryland; Severo Ochoa, M.D., Biochemist, New York University College of Medicine; Renè J. Dubos, M.D., Rockefeller Institute for Medical Research, New York City; and Otto Krayer, M.D., Harvard Medical School.

On June 27, 1958 the Trustees welcomed the appointment by the Governor of Sidney R. Rabb to its Board.

We wish to record the following appointments:

Dr. Merrill C. Sosman, Consultant to the Department of Radiology, January 1.

Dr. Maurice M. Tolman, Acting Chief of the Dermatology Service, July 1.

Dr. Humberto Fernandez-Moran V., Associate Biophysicist in Neurosurgery, March 17.

Dr. Francis C. Lowell, Physician and Head of the Allergy Clinic, November 1.

Dr. William Franklin, Assistant Physician, January 1, 1959.

On May 22 at a special meeting of the staff, Mr. Francis C. Gray, Chairman of the Board, announced to the entire staff of the Hospital, the advance plans for the celebration of the 150th Anniversary in raising funds for the wide range of the Hospital's needs. Although 1961 marks the Sesquicentennial, important steps in the planning of the celebration had to be taken in 1958. At the annual meeting of the Corporation held in December more definitive plans were announced to the Corporation.

Dr. Chester N. Frazier retired on June 30, after having served as Chief of the Dermatology Service since July 1, 1948.

Dr. Robert L. Berg, a graduate of the Medical Service 1950, and a member of the active staff since February 1951, resigned on September 30 to accept an appointment as Professor of Preventive Medicine and Community Health at the University of Rochester Medical School, Rochester, N. Y. In addition to his staff appointment Dr. Berg held the position of Assistant to the Director for Research and Education, serving as Secretary of the Committee on Research, January 1951 through September 1954; and from July 1, 1957 through September 30, 1958 he served as Chief of the Allergy Clinic.

We report with regret the following deaths:

Dr. Fred A. Simmons died on June 19, 1958. He was a graduate of the West Surgical Service, 1935, first appointed to the staff in February 1938 and at the time of his death held the title of Associate Visiting Surgeon.

Dr. Franklin G. Balch died on September 23, 1958. He was a graduate of the West Surgical Service 1893, associated with the Hospital since 1896 when he was first appointed to the staff as Surgeon to the Out-Patient Department, and continued through the various grades. He served as Chief of the East Surgical Service from 1920 through 1925, and served on the Board of Consultation from 1925 through 1935, when he be-

came Honorary Surgeon. During the war years he returned to active duty to help out in the Out-Patient Department.

Dr. W. T. Sherman Thorndike died on October 10, 1958. He was a graduate of the West Surgical Service 1919 and was appointed a member of the Obstetrical staff in 1929. In 1939 he was appointed Assistant Director and in 1946 became First Assistant Director. He held this position until December 1948 when he resigned to become Director of the Germantown Hospital and Dispensary in Germantown, Pa., where he was at the time of his death.

Dr. LeMoyne White, died on December 9, 1958. He was a graduate of the East Medical Service 1942 and the Psychiatric Resident Staff in 1947. In February 1948 he was appointed Assistant in Psychiatry and at the time of his death held the position of Associate Psychiatrist.

Bartholomew A. Brickley died on January 18, 1959. He was attorney to the Hospital for the past fifteen years. On February 4, 1959, the Trustees passed a Resolution paying tribute to Mr. Brickley for his devoted service to the Hospital.

Dr. John C. Stanton, a member of the Dental Staff since 1935, died on February 5, 1959.

Dr. George W. Holmes, Honorary Physician, died on March 18, 1959. Dr. Holmes has been connected with the Hospital since 1910, first as Assistant Roentgenologist, and becoming Chief of Radiology in 1935 where he served until February 1941 when he was appointed to the Board of Consultation.

Dr. Charles H. DuToit, a graduate of the West Medical Service in 1943, died on March 25, 1959. He had served as a member of the Medical Staff since 1952, following his internship and residencies, and since September 1952 had been Chief of our Chemistry Laboratory. At the time of his death he also held the position of Associate Physician.

Dr. Merrill C. Sosman, Consultant in Radiology, died on March 28 1959.

RT. REV. ROBERT P. BARRY
ABIGAIL HOMANS
For the Trustees

Report of the General Director

To the Trustees of The Massachusetts General Hospital:

IT is an honor to submit herewith the Annual Report of the Hospital for the year 1958 and my tenth as General Director.

A significant program held at the Hospital this year was the remarkable series of twenty Lowell Lectures on "Disease and the Advancement of Basic Science." This was made possible by the imagination of Dr. Henry K. Beecher, Chief of Anesthesia, who had the idea and the support of the Lowell Institute. It is hard to imagine a more comprehensive review of biologic science intended for public consumption than this brilliant series, soon to be published.

While this series illustrated well the function of teaching hospitals, both in the use of the hospital as an educational forum and in the content of the lectures themselves, evidence continued to accumulate to show that the very existence of teaching hospitals in the United States is now under intense public scrutiny. There are, it appears, two major issues: the first is meeting the cost of hospital care, and the second is adapting the teaching functions of the hospital to a situation in which most patients have enough money or insurance to pay both their hospital and doctors' bills. Meeting the cost of hospital care has received much attention and the problem is far from easy but, I think is on the way to solution through a combination of widespread hospitalization insurance and increasing recognition of the need for tax support for payment of the full cost of care provided to indigent and medically indigent persons. Other factors, such as educational costs and capital needs, have received less attention but are, to some extent, under consideration.

In this report I wish to discuss mainly the second issue, however. Traditionally, teaching (including undergraduate medical education and intern and residency training) in the hospital has used the "ward" or "service" patient as its focal point. It has been understood, implicitly or explictly, that the "ward" pa-

tient, in return for his medical and hospital care, in the clinic or in bed, for which he usually paid little or nothing, permits himself to be studied by those learning the science and art of medicine. Whether this tradition is fair to both patients and students is not the point; the fact is that it existed and still exists pretty much throughout the Western world. In particular, "ward" patients have usually not been asked to pay anything for physicians' services because these have been provided without charge by the hospital's visiting staff who depend for their livelihood upon income from their "private" patients. Now, rather suddenly, in the United States and Canada and in many other Western countries, we are confronted with the fact that our "ward" and clinic patients have, in increasing numbers, resources with which to pay in full for their hospital and physicians' care. The unmistakable tendency is for patients who have such resources to seek "private" care.

What then, will become of our teaching? While it is possible to use "private" patients for limited instruction — students take their histories, and make the initial physical examinations; they may be introduced at rounds and in conferences, for example — the fact remains that they are regarded as "belonging" to their private physicians who carry ultimate responsibility for their care. Students and house staff can never, in the nature of this relationship, be given full professional responsibility for the care of the private patient of another physician, but it is axiomatic in medical education that one cannot become an accomplished physician until he has learned to assume this responsibility.

In the old days, the apprentice system permitted the senior physician to share responsibility for both ward and private patients with his apprentices who were given a larger share of responsibility as they showed themselves capable of assuming it. The same principle, of course, applies to today's residency training but for the most part in regard to ward and clinic patients only.

Do patients with insurance or other resources seek private care because they dislike ward and clinic care and turn to private care whenever they can possibly afford it? To some extent this is undoubtedly true and to that extent we in the teaching hos-

pitals are to blame for not making our ward and clinic care as attractive, warm, and personal as we should. There is, however, nothing inherent in the "group care" provided to ward and clinic patients that prevents this care from being every bit as acceptable to patients as the best "private" care by individual practitioners. This has been amply demonstrated by such successful group care for paying patients as that at the University of Chicago Clinics, the Mayo Clinic, and the Henry Ford Hospital. Indeed, there is much reason to believe that many patients with money prefer to obtain care at our teaching centers because they are impressed with their excellence.

The shoe, I think, is generally on the other foot: it is not that patients with resources will not use the ward and clinic services of our teaching hospitals; it is rather that we are not set up to receive them. Not a day passes in any of our great teaching centers during which some patients are not refused treatment in ward or clinic because they have incomes "above the limit" for admission. They are referred to practitioners as "private" patients and are then lost, for all practical purposes, to medical education.

Unless we are to return to the "apprentice" system — and the complexity of modern medicine would appear to make this impossible even if desired — a solution must be found which will encourage patients with financial resources to make use of teaching wards and clinics if they so choose. To accomplish this, many a tradition will have to be broken.

First, we shall have to revise our admitting policies to accept patients well above present income limits in our wards and clinics. It is not necessary that all limits be removed at once, but a gradual rise in these limits, in keeping with the times, will have to be undertaken. That this can be successful has been well shown in our Federal hospitals where a Private and General and their families are cared for in exactly the same facilities. Indeed, medical education and especially residency training may be expected to shift more and more to our military and veterans' hospitals if our civilian institutions do not adapt themselves to changing circumstances.

Secondly, we must be prepared to charge for and receive payment for professional services rendered to ward and clinic pa-

tients. Most of these services are no longer provided "free" by our visiting staffs. More and more they are furnished by salaried staff members and particularly house staff members whose salaries manifestly should be more than doubled. Why should not patients with insurance against the cost of physicians' services, or other resources, be expected to help pay for these professional costs? It is certainly not sensible, when a premium for such costs has been paid by the patient or his employer or his union welfare fund, not to collect the profferred payments. Only the insurance companies can possibly gain from such neglect and neither they nor their policyholders really wish these benefits not to be paid. If we are able to adapt our teaching hospitals to the new situation created by insurance and public programs (Medicare, for instance), we may look forward to the day — and it is not far off, either — when most professional costs for ward and clinic patients will be met by such "third party" payments.

This adaptation should not be difficult if we face up to it squarely. One might regard the visiting and house staff serving ward and clinic patients as a kind of "medical group", formal or informal. Then fees collected for professional services furnished to these patients would be used for the benefit of the "medical group". Presumably, at the start, when collections might be small, most of the funds so accumulated would be used for the benefit of our much underpaid house staff. As larger amounts became available, stipends might be provided for the visiting staff, too. Indeed, at the option of the group, many kinds of benefits for both visiting and house staff members such as travel funds, visiting lecturers, professional society dues, subscriptions to journals and the like might be paid for from the fund.

This is hardly a new idea. Private medical groups of various types have been doing it for years. What is new is the general application of the idea to the wards and clinics of our teaching institutions. If this application can be accomplished in an orderly, generally acceptable fashion, medical education and residency training in our private institutions may be expected to flourish in the future rather than to die on the vine.

One controversial point immediately comes to mind: if our

teaching wards and clinics accept patients able to pay for professional services, will this not put the teaching hospital into competition with the private practice of medicine? Let's face it, of course it will — and why not? Should not the slogan "free choice of physician" offer a patient the choice of the ward or clinic, as his physician, if he prefers this to an individual physician? Actually, the much-heralded competition of teaching institutions does not amount to much. In the first place, there are no more than 100 to 200 hospitals (out of 7,000) in the country where medical students are taught. Intern and residency training in all includes a thousand hospitals or so. Therefore, at the worst, not more than one hospital in seven could offer competition with private practice even if it wanted to. In fact, the threat is far less than that: it concerns only those patients who come to the teaching hospitals for service from their staffs as a group. This is surely fewer than half the patients coming to such hospitals, since the rest are private patients of the hospital's staff members.

The main reason why this competition from teaching hospitals, though legitimate, is no real threat to the medical practitioner is that it is, *per se,* very limited competition. The teaching hospitals' only competitive desire is to have available enough patients of all varieties for the necessities of medical education, internship and residency training. But this is indeed no serious competition. There is no move to increase the number or to expand the size of our private teaching hospitals, so far as I know. Most of them are barely holding their own, if they are doing that. Their share of paying practice would be infinitesimal in the United States as a whole. Besides, practitioners of medicine have a great interest in seeing that the education of physicians continues even if this does involve some competition.

This question was widely discussed by our Staff this past year in relation to our hoped-for new Clinics Building. Wisely, the staff recognized that it cannot easily be settled now for future generations and the suggestion at present is that the new Clinics Building be so constructed as to be adaptable to whatever type of patient it may at some later time be decided to admit. This begs the question, of course, but perhaps there is no other possible answer at present.

The Trustees authorized the construction of a much-needed new recovery room this year as an additional floor on top of the northwest wing of the White Building. It will function differently from our present recovery rooms in two respects: it will accept post-operative patients from private and teaching floors alike, and it will house patients somewhat longer than during recovery from anesthesia whenever its special services seem to be needed.

On two floors above the new recovery room is being constructed the new orthopedic research laboratory. This is to contain the very basic biologic studies being conducted in orthopedics on bone formation, the nature of collagen and its properties associated with calcification, and the like. This is very fundamental work and we are fortunate that the friends of the Orthopedic Service plus research construction grants from the United States Public Health Service have made it possible to construct this laboratory. On the sixth floor of the Warren Building quarters are finally being constructed for the offices and laboratories of the Psychiatric Service. Both of these projects were made possible by research construction grants from the United States Public Health Service plus matching funds from friends.

A notable celebration took place on Ether Day in honor of the One Hundredth Anniversary of the founding of the Treadwell Library. Perhaps the outstanding event in the celebration was the establishment of the Treadwell Award, a distinction to be given from time to time to former members of the house staff for outstanding accomplishments in their chosen fields. The first recipient, much to the honor of the Hospital, was Dr. Robert F. Loeb (West Medical Service 1920), Professor of Medicine at Columbia University, College of Physicians and Surgeons. The House Pupils Association met the same day and held both a scientific session and a very pleasant social gathering. The newly elected officers of the Association are Dr. James M. Faulkner, President; Dr. Edward Hamlin, Jr., Vice-President; Dr. Reed Harwood, Secretary-Treasurer.

Financially, the Hospital had some trouble this year, due largely to a sharp, but necessary, increase in nurses' salaries initiated in the summer of 1957 and to the general business

recession. In the end, the deficit came to less than $200,000 but it was, nevertheless, substantial. This required a major economy effort in the Spring of 1958, with a cut of ten percent in payroll; and hard work on the part of all Chiefs of Services and Department Heads. One hopeful financial note was struck by the opening, early in the year, of an Insurance Office to centralize the fiscal and medical information needed to communicate properly with insurance companies whose beneficiaries are patients in the Hospital. Insurance company representatives have expressed great satisfaction with this office and, from the Hospital's point of view, it has resulted in much more complete collection of the insurance benefits due on behalf of our patients. To the best of our knowledge, it is unique among hospitals anywhere in this country. Its establishment was the idea of our extraordinarily discerning Comptroller, Mr. Lawrence E. Martin, and its organization was accomplished by the lively efforts of our Administrative Resident, Mr. David P. Willis.

Among the distinctions that came during the year to members of the Staff are the following:

Dr. Bradford Cannon was elected President of the American Association of Plastic Surgeons.

Dr. Edwin F. Cave was elected President of the American Board of Orthopedic Surgery.

Dr. Wyland F. Leadbetter was elected President of the New England Section of the American Urological Association.

Dr. Robert S. Schwab was elected Chairman of the Medical Advisory Board of the Myasthenia Gravis Foundation, Inc.

Dr. Arthur L. Watkins was awarded the Gold Key for meritorious service in rehabilitation at the American Congress of Physical Medicine and Rehabilitation Meeting.

The Hospital sustained a number of losses by death during the year. These are recorded with sorrow in the Report of the Trustees.

As I conclude this report I am reminded of the two-fold significance of this particular year in the history of the Massachusetts General Hospital. Chronologically it marks the end of the Ten-year Development Program and the beginning of the 150th Anniversary Program. Many of the plans that were projected ten years ago for construction, for the provision of

endowment needs, and for organizational changes and improvements within the Hospital have been accomplished. Some of these, however, are still to be realized, and many new needs have been created by the ever increasing and changing demands for service placed upon the Hospital.

In the past ten years the Research Building (1951), Bartlett Hall Nurses' Residence (1953), and the Warren Building (1956) have been constructed. Endowment and expanded facilities, particularly the proposed Clinics Building and new operating rooms, are high on the list of objectives of the 150th Anniversary Program, which will be the occasion for a concerted effort to assure the highest standard of patient care in the years ahead.

Respectfully submitted,
DEAN A. CLARK, M.D.,
General Director

Report of the General Executive Committee

THE functions of the General Executive Committee are to recommend to the Trustees the annual appointment and promotion of all physicians to the Staff, to approve the appointment of Clinical and Research Fellows, Clinical Assistants, and Graduate Student Assistants; to resolve by appropriate Committee action the many professional policy problems brought before it, and, when important policy changes are indicated, to provide the Trustees with recommendations for their guidance in determining new policy.

The complexities of the activities and responsibilities of the General Executive Committee become apparent by an enumeration of a few of the policy problems discussed at the weekly meetings during the past year. These included (1) remuneration of the House Staff; (2) adequate housing for House Staff; (3) changes to be met by the Hospital as the result of legislation affecting hospitalization, such as the currently proposed amendments to the Social Security Act; (4) the need to provide increased and more complex services to meet the additional demands placed upon the Hospital by the people of the community and their physicians, particularly on nights, weekends and holidays; (5) the coming impact on the Hospital resulting from the redevelopment of the immediate neighborhood; and (6) the steady increase in the number of aged patients coupled with the more vigorous medical and surgical approach to the solution of their disabilities and their rehabilitation.

In considering the remuneration of the House Staff, it is ironical that these men, who are highly skilled physicians with great responsibilities in the treatment of patients, should receive less for their services than many unskilled workers in the community. Because of medical tradition, these young men are at present denied the right to receive monies which they have earned through Blue Shield, fees which were prepaid by the patient or his employer. The Committee is agreed that tradition

which interferes with the proper remuneration to these men should be set aside.

It is also agreed that the housing for the House Staff is totally inadequate in both quantity and quality. We are happy to report that the Objectives Committee has listed this as one of the primary needs to be projected in the 150th Anniversary Fund Drive.

It is becoming increasingly apparent that Federal legislation aimed toward the provision of hospital care for various segments of the community will include the provision of semi-private care to the exclusion of both ward and private room care. Anticipating this trend, the Committee approved the compartmentalization wherever possible of all wards into units of four beds or less. It also appears that the Medical Service, now so well situated in the Bulfinch Building Wards, will probably be at a disadvantage under impending Federal legislation. Two possible solutions have been suggested: the Medical Wards could be compartmentalized, though this would force a reduction in the number of patients on the Medical Service to less than sixty-five beds — too few to satisfy the needs of our community; or space could be provided elsewhere for the number of beds needed to satisfy community requirements and, also, the demands of the oncoming legislation. We are, therefore, of the opinion that the latter choice is inevitable and that this, too, should be projected as an immediate need of the Hospital in the 150th Anniversary Fund Drive.

The Committee has long recognized the subtle changes in the pattern of the medical services in the community and the need for this Hospital to provide increased and more complex services to the people of this community, their physicians and their employers, particularly on nights, weekends and holidays. Although much has been done in recent years in the development of the Emergency Department and in the expansion and development of the laboratories, operating rooms, X-ray and Nursing Services — particularly on nights and weekends — much still remains to be done. In spite of the difficulty in obtaining staff and personnel coverage, the decision to satisfy this need must remain firm.

The coming impact on the Hospital resulting from the re-

development of the immediate neighborhood, the so-called West End Project, remains an unresolved problem until more facts are available and the development goes beyond the present blue-print stage. In the past decade five per cent of our Service patients and ten percent of our Clinics patients came from the West End of Boston. It is our understanding that approximately 16,000 persons will be added to our medical community and that probably most of these people will be accustomed to private or semiprivate facilities under the care of private physicians. At the present time our private and semiprivate facilities are often overburdened. No recommendation to the Board of Trustees has been decided as yet.

The problem of the steady increase in the number of aged patients has been partially resolved by the introduction of more vigorous medical and surgical approaches to care for their needs. More complex procedures and provisions for better care are increasingly expensive and the Hospital is undergoing real financial difficulty in providing free service for many of these patients. We cannot, however, change our decision that this care must be given despite the fact that the financial problem is one that must be resolved by the Administration and the Board of Trustees.

We are fully aware that many of these problems can be resolved only over an extended period of time because the factors creating them are so complex and far reaching. As these matters requiring long-range planning are studied, three primary considerations affect the final decisions of the Committee: first, patient care must be maintained at the highest possible level despite any problems encountered; second, transitions must be made with a minimum of confusion; and third, the problems to be resolved must be studied, in the light of our present needs and, also, in anticipation of situations which must be fairly accurately assessed.

The Committee is greatly assisted by the Staff and the Administration in obtaining information and opinion concerning the future. For example, the Farnsworth Committee, as well as many individual staff members, has made valuable recommendations concerning the future demands of the community on our teaching clinics. To provide a constant flow of information,

the administration has organized and staffed offices in the rapidly changing fields of insurance and governmental relations.

To these people and to the many others who have provided us with new information and ideas relative to future needs, the undersigned are grateful.

Respectfully submitted,

EDWARD D. CHURCHILL, M.D., *Chairman*
MYLES P. BAKER, M.D.
WALTER BAUER, M.D.
BENJAMIN CASTLEMAN, M.D.
ERICH LINDEMANN, M.D.
ELLSWORTH T. NEUMANN, M.D.
LAURENCE L. ROBBINS, M.D.
ALFRED H. STANTON, M.D.
HOWARD ULFELDER, M.D.
DEAN A. CLARK, M.D., *Secretary*

Report of the Committee on Research

RESEARCH at the Massachusetts General Hospital grew another 13 percent during 1958 if one compares the fraction of increase to total expenditures. But the more tangible evidences of growth and change can be appreciated by taking a quick inventory down the long axis of the Hospital from the Research to the Warren Building.

During the first year the Hematology Research Laboratory has taken full advantage of its temporary but spacious quarters in the 5th floor of the Research Building by setting up the latest techniques for diagnosis in disorders of red cells, white cells and the clotting mechanism, and by initiating investigation into the mechanisms of red cell maturation, vitamin B_{12} action and mammalian cell genetics as studied in tissue culture.

In the Bulfinch Building Dr. Lloyd Hollingsworth Smith has been appointed the chief of the Endocrinology Unit. Dr. Francis C. Lowell has become head of the Allergy Research Laboratories, replacing Dr. Robert L. Berg who is now Professor of Preventive Medicine at the University of Rochester Medical School. Work on converting the fourth floor eastern extremity into the new Hematology Laboratories is about to begin.

In the White Building the outer shell of a three-story addition over X-ray Therapy has been completed. The top two floors will accommodate laboratories for Orthopedic Research, launching a heretofore clinically oriented specialty into the investigation of mineralization at a molecular level. One of the less complicated pieces of laboratory equipment needed is an electron miscroscope, the Hospital's fourth.

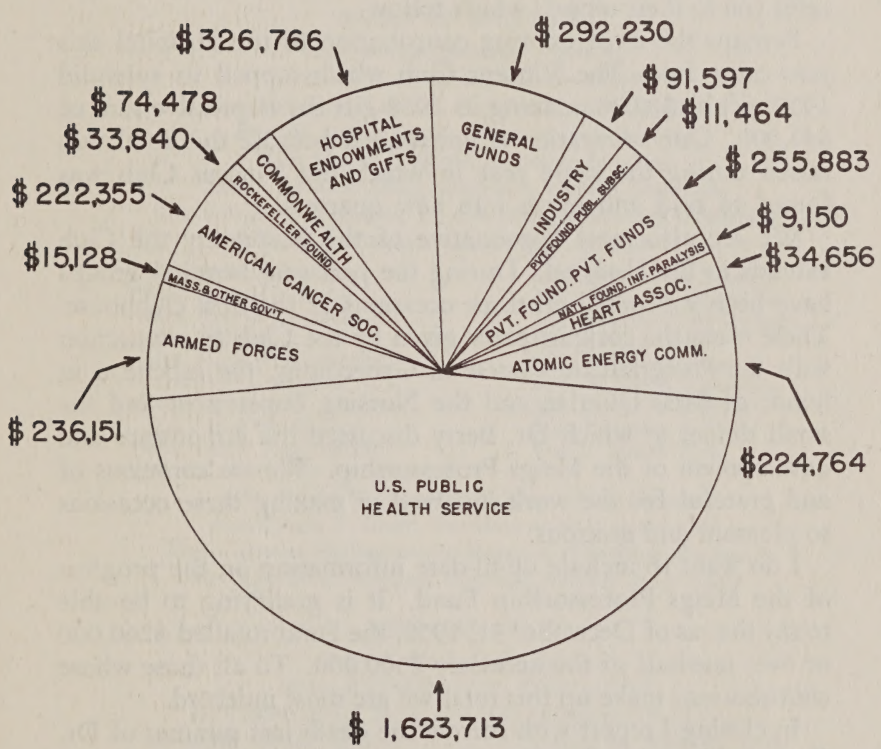
One can shift to the Warren Building without dropping the subject of electron microscopes, for the third such instrument was installed in the Neurosurgical Research Laboratories last year. It is under the direction of Dr. Fernandes-Moran, one of the world's experts on electron microscopy, who has come from Venezuela to study the fine structure of nerve tissues and more specifically the effects of ionizing radiation on developing nerve cells. Just above on Warren 6 the Psychiatry Research Laboratories have established themselves in part of what will soon be

their entire floor. The scientific Advisory Committee spent a whole afternoon in the James Homer Wright Pathology Laboratory where Dr. Benjamin Castleman and his associates demonstrated not only improvements in the usefulness of a Pathology Department to the clinician in establishing, for example, a marrow bank, but revealed basic advances in our understanding of normal and abnormal tissue through the use of new histochemical techniques, again through the eyes of the electron microscope.

The broad scope, fundamental nature and rapid expansion of medical research is truly phenomenal in a hospital setting such as the Massachusetts General Hospital provides. However, these same attributes bring weighty problems to the Administration and to the Committee on Research. The financial portion of these problems will lessen if five endowed scientific researchships become a reality. This objective will be incorporated into the Hospital's 150th Anniversary Program. Research and proper protection in the field of radiation are twin problems of great future importance. Upon recommendations of the Research Committee two *ad hoc* Committees relevant to this field have been established: one to find an able investigator in the field of the biological effects of radiation, and the other to advise the Trustees on the design and placement of new facilities for radiation therapy and research. A successor to Dr. Fritz Lipman has not been found. The problem of how many life-tenure positions should be offered and of how rules for hospital advancement can be formulated in a way that is fair and purposeful for the large numbers of able investigators here today and tomorrow was the chief topic of discussion by the Scientific Advisory Committee. The Committee on Research awaits their recommendations in the coming year, both with expectation and with a resolve to cope adequately with these many problems.

WILLIAM H. SWEET, M.D., D.Sc.
Chairman
Committee on Research
WILLIAM D. SOHIER, JR., M.D.
Executive Secretary
Committee on Research

TOTAL RESEARCH EXPENDITURES-1958 $3,452,175



Report of the
Vincent Memorial Hospital

IT is a pleasure to report that, in spite of the increasing difficulties which confront all hospitals, the past year was, as usual, a busy and a successful one. The high caliber of our Staff under the able direction of Dr. Ulfelder and the devotion of the Board of Managers under Mrs. Lewis has made it possible for the Hospital to maintain its important position in the community. For a more detailed account of the year's activities I refer you to their reports which follow.

Perhaps the most exciting contribution to the Hospital this year came from The Vincent Club which topped its splendid 1957 gift by $3,000, making its 1958 gift the impressive sum of $45,000. Our admiration is unbounded because this total was raised during the same year in which the Vincent Club was forced to find and move into new quarters.

We are also most appreciative of the hospitality the Club extends to the Hospital. During the past year hospital groups have been welcomed on three occasions at the new clubhouse. These were the cocktail party given by the Club in connection with the Postgraduate Course in Gynecology, the luncheon in honor of Miss Quinlan and the Nursing Supervisors and the small dinner at which Dr. Berry discussed the importance and development of the Meigs Professorship. We are conscious of and grateful for the work involved in making these occasions so pleasant and gracious.

I do want to include up-to-date information on the progress of the Meigs Professorship Fund. It is gratifying to be able to say that as of December 31, 1958, the Fund totalled $260,000 or over one-half of the necessary $500,000. To all those whose contributions make up this total we are most indebted.

In closing I report with sorrow the death last summer of Dr. Fred A. Simmons, for fifteen years a distinguished member of our Staff.

CHARLES F. HOVEY, *Chairman*
Board of Trustees
Vincent Memorial Hospital

VINCENT MEMORIAL HOSPITAL

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HOSPITAL STAFF

Dean A. Clark, M.D., *Director*
Howard Ulfelder, M.D., *Chief of Staff*
Joe Vincent Meigs, M.D., *Consulting Visiting Gynecologist*

Richard R. Curtin, M.D.
Maurice Fremont-Smith, M.D.
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Ward I. Gregg, M.D.
Francis M. Ingersoll, M.D.
Janet W. McArthur, M.D.
William V. McDermott, Jr., M.D.
George S. Richardson, M.D.

Miss Mary E. Quinlan, *Assistant Director in Charge of Nursing*
Mrs. Lois Masterson, *Nursing Service Supervisor*
Research Associates in the Vincent Memorial Hospital Laboratory
Albert F. Parlow, Ph.D.
Thomas C. Peebles, M.D.

Vincent Memorial Hospital

IT is gratifying to review the Hospital activities for 1958 and to be able to report with praise for every department. The statistics and the financial statement show that the clinical units were busy; there were 716 patients admitted to the ward service, 642 patients to the private floor on Vincent III, and over 3,500 visits to the ambulatory clinic—more than in any previous year. Although the management of illness in general was along standardized lines of treatment, new techniques and particularly new drugs have been used whenever reports satisfied the Staff that they were useful and safe and appropriate in a specific situation.

Contributions to the current medical literature were accepted from all members of the professional and research staffs. On October 23, 1958, at the Annual Meeting of the American Cancer Society, Dr. Joe Vincent Meigs was honored as recipient of a citation for distinguished service for "his outstanding contribution to the field of cytology".

It is with sincere regret I report the death of a distinguished Staff member, Dr. Fred A. Simmons, on June 19, 1958. His duties as Chief of the Sterility Clinic have been accepted by Richard R. Curtin.

No major changes were made in the Hospital building above customary maintenance, but the Board of Managers has brightened a number of corners as usual. This year the ambulatory clinic was refurbished and paintings from the Ladies Committee of the Institute of Contemporary Art have appeared to break the cold monotony of hospital walls at strategic points.

Education in gynecology is still one of our most important products. The Hospital and Staff provide specialty training for about one third of the students at Harvard Medical School throughout their clinical years. Our formal Postgraduate Course, given each year in September under the direction of Dr. Francis M. Ingersoll, was attended by fifty students from this country and abroad.

Research in the Vincent Laboratories has continued and expanded, supported by grants from the National Institutes of Health, the Massachusetts Division of the American Cancer Society, the Willcox Fund and other generous private donors, as well as the annual research appropriation of the Board of Trustees. The budget for research now regularly exceeds $100,000.00 and permits active progress in all our laboratories. Dr. Janet McArthur's basic investigations on the human pituitary hormones in collaboration with the Protein Foundation have achieved a high degree of purification and may permit a refinement of definition of their biological and physical properties in the year to come. Recent modifications in methods of purification also will soon result in a preparation safe enough and potent enough for human use. During the past year Dr. Albert Parlow has transferred to our laboratories his studies in a new and much more sensitive technique for measuring these hormones, obviously a magnificent complement to the research already long identified with this Hospital.

In the sphere of ovarian hormones, Dr. George S. Richardson has extended his observations on the chemistry of these compounds, particularly as they are altered by human ovarian tissue maintained by his technique of organ perfusion. Coincidentally a comprehensive review of the records of patients with benign and malignant ovarian tumors has been made and has already demonstrated important clinical manifestations of abnormal endocrine patterns.

Our tissue culture studies, shared with the Pediatric Service in the person of Dr. Thomas Peebles, have reached the stage where cells from the lining of the human uterus can now routinely be propagated. It will next be possible to study their pattern of growth under varying conditions. If our good fortune continues, a cell type capable of indefinite subculture without change in characteristics may be developed.

This report would be incomplete without an expression of gratitude to the administrative and nursing personnel for their high standards of service maintained under diffulties.

The Staff of the Hospital as always gives thanks to the Vincent Club for constant support of every kind. Their cocktail party for the Postgraduate Course students and faculty is now

a notable annual event. Most important of all each year our amazement is evoked anew by a generous gift from the proceeds of the Show. It just keeps growing.

HOWARD ULFELDER, M.D.
Chief of Staff
Vincent Memorial Hospital

Report of the Board of Managers of the Vincent Memorial Hospital

AS always, members of the Board continue to fulfill their basic responsibilities, visiting the patients, providing extra comforts and arranging holiday celebrations. From reports received from Dr. Ulfelder, Miss Quinlan and the monthly visitor we keep in close touch with affairs within the Hospital. From Dr. Clark and our representatives on other committees we are kept abreast of activities throughout the M.G.H. and the Greater Boston hospital community. We are represented by Mrs. Rice and Mrs. Patterson on the M.G.H. Coordinating Committee and by Miss Bartol on the Trustee Advisory Committee to the Volunteer Department. More specifically I would like to mention the following:

January — A meeting of the Greater Boston Hospital Auxiliaries was held at the Vincent for the first time. Mrs. Weiss, Community Relations Consultant at the M.G.H., was the speaker. We were delighted to welcome many representatives from other hospitals.

February — Some readers of this annual report may be interested in the Penny Fund which appears yearly under the list of gifts to the Board of Managers. Each member brings in to our Treasurer the pennies she saves throughout the year as a Valentine present to the Hospital. Mrs. Henry McB. Parker established this pleasant custom several years ago.

March — Under the direction of the Decorating Committee the office for Dr. Meigs on the first floor has been completed. It is most attractive.

April — Miss Mary Ruth Wolf, M.G.H. Director of Volunteers, spoke to the Board of the scope and function of the Volunteer Department.

May — The redecoration of our out-patient clinic has been completed with the recovering of the sofa. This has been one of our most appreciated projects.

September — The Board learned with sorrow of the death during the summer of Mrs. Bertha Heinemann, for many years the secretary on Vincent II. She was devoted to the Hospital and is greatly missed by everyone.

October — Instead of the usual tea, the Board held a coffee party for the doctors attending the Harvard Medical School Postgraduate Course in Gynecology. The morning hour proved more convenient for the doctors and the party was a great success.

Four pictures from the old Hospital on South Huntington Avenue are now hung in the entrance hall outside the Vincent Club room. These include a tinted steel engraving of Mrs. Vincent and photographs of Joseph Jefferson and Edwin Booth, friends and colleagues of Mrs. Vincent and honorary members of the Hospital Board. The fourth is a portrait of Dr. Grace Wolcott, the first Chief of Staff of the Vincent Memorial Hospital.

Four members of the Board were on the Committee for the very successful M.G.H. House Pupils Reunion.

November — Our annual coffee party was very gay and pleasant. This is an occasion to which we look forward as it gives us an opportunity to see those who throughout the year do so much to increase the Hospital's reputation for able care and kindly service.

We are grateful for the paintings now hanging on Vincent II and Vincent III. These come to us through the generosity of the Ladies Committee of the Institute of Contemporary Art. Also the patients continue to enjoy the pictures brought regularly by the Art Wagon.

December — The Board of the Vincent Club and our Board gave a luncheon at the Club for Miss Quinlan and the Head Nurses on December 11. This afforded an opportunity for both Boards to express in a small way their appreciation of the outstanding service performed by Miss Quinlan and her Staff. It also enabled us to meet and talk with them on an informal basis. We are most grateful to the Club for making this party possible. It was a very happy occasion which we hope may be repeated.

We report with sorrow the death of Mrs. Francis B. Crowninshield for fifty-six years a member of the Board of Managers. She was an active member for forty years and continued her interest as an Honorable Member until her death.

MURIEL G. S. LEWIS
President, Board of Managers
Vincent Memorial Hospital

Annual Report of the Department of Pathology

I am very pleased to begin by quoting this year's report of the Scientific Advisory Committee:

"The Scientific Advisory Committee, in the course of its scheduled annual meeting, was given the opportunity to visit the Laboratories of Pathology, and to hear presentations of some of its research activities. These were impressive, not only for their individual excellence, but also as examples of the dynamic potentialities of this, the oldest of the medical sciences. Through the original and appropriate utilization of techniques and knowledge generated by the younger disciplines of biochemistry, biophysics, and physiology, Dr. Benjamin Castleman and his associates in the Pathological Laboratories are contributing in an exemplary manner to the resurgence of a truly experimental pathology."

At the time of the Committee's visit Dr. Robert E. Scully reviewed the experimental work on factors affecting recovery from ischemia of skeletal muscle. He also discussed the possible biologic implications of the stromal response to the growth of cancer in the ovary. Dr. Richard B. Cohen described some of his histochemical investigations, with special reference to methods for demonstrating oxidative enzymes and to their application to pathological and histologic problems. Dr. Edgar B. Taft, who has been working for several years in collaboration with Dr. Jesse F. Scott of the Huntington Laboratories on a quantitative histochemical study of liver disease in rats, detailed his present application of these technics to the study of human liver disease. Dr. Austin L. Vickery presented the results of a histometric method for correlating the histologic structure with the nucleic acid content of the thyroid gland. In addition, he briefly demonstrated a method of study of thyroid nodules and tumors by autoradiographs of sections of whole glands. Dr. David Spiro reported on his study of defects in the basement membrane of the renal glomerulus as revealed by electron microscopic studies of human biopsies, and postulated that these defects may form the structural basis of proteinuria. Dr. Leon-

ard Atkins demonstrated the operation of the Department's bone marrow bank. Marrow from three leukemic patients in remission has been prepared and stored, and subsequently given to the same patients when in relapse, after they had been given total body irradiation. Dr. Harry deF. Webster described the problems encountered during the electron microscopic study of experimental diphtheritic neuritis, and showed a number of pertinent electron micrographs. Dr. Richard Kelley, a Harvard Medical School student who held a post sophomore research fellowship in the laboratory last year, demonstrated the pulse duplicator, which is used to examine the valvular dynamics of the heart post mortem. He then projected a motion picture in color of the heart valves in action in various pathologic states. The use of this pump has led to the development of several new surgical technics. Dr. Alexander D. Kenny described the results he has obtained with bio-assays of human parathyroid extracts.

The Department is very pleased with the award of a research training grant from the U. S. Public Health Service for a period of five years. This grant gives interested physicians the opportunity to gain research experience while receiving training in pathologic anatomy, and is a preparation for research and teaching careers in pathology. The trainees, who are under the supervision of Dr. E. B. Taft, are encouraged to take courses in biochemistry, cellular physiology and other basic subjects as an initial step in their research activities. Arrangements have been made for them to take such courses at Harvard University and the Massachusetts Institute of Technology. Three trainees are currently active in the Department.

Our cancer and endocrine research program has been strengthened by the addition to our staff of Dr. Kenny from the Department of Pharmacology at the Harvard Medical School and of Dr. Lorna Langer, a steroid biochemist, who received training under Dr. Lewis L. Engel at the Huntington Laboratories.

The neuropathology section of the Department under Dr. E. P. Richardson has continued to work actively in providing examinations by neuroanatomic methods of the tissues from the nervous system. A strong emphasis is always placed on close clinicopathological correlation, and regular weekly conferences

are held for this purpose. These sessions are attended by large numbers of physicians interested in neurologic problems, not only from our own group, but from other hospitals as well. The laboratory is now well established as a training center for neuropathology. Research interests include vascular disease of the brain, nutritional disorders, demyelinative diseases, and the neurologic complications of diabetes.

In addition to supervising the diagnostic work of the Cytology Laboratory, Dr. Priscilla D. Taft studied with Dr. Laszlo O. Vincze the changes in cells of urinary sediment during the normal menstrual cycle. An investigation of tumor cells in the peripheral blood of patients with metastatic cancer has been begun in collaboration with Dr. John W. Raker. Under the auspices of the American Cancer Society three trainees received a three-month course in exfoliative cytology, one of whom became a technician in the Laboratory.

The position of visiting pathologist pro tempore was instituted this year and was held by two outstanding pathologists. Dr. Erwin Uehlinger, Professor of Pathology at the University of Zurich, Switzerland, visited for a week in May, and Dr. Jan Mellgren, Professor of Pathology at Göthenburg, Sweden, for a week in October. Both participated enthusiastically in the activities of the laboratory, and the Department benefited from the exposure to their stimulating personalities. A further widening of horizons was experienced by Dr. Castleman, who attended a meeting in Geneva, Switzerland, of the World Health Organization as the United States member of an Expert Committee to discuss the preventive aspects in the teaching of pathology. One of the main themes of this meeting was the importance of including instruction in preventive medicine with the students' study of basic disease processes rather than as a separate discipline.

Several years ago the Department initiated the Lantern Slide Project of the Case Records of the Massachusetts General Hospital, which are published in the New England Journal of Medicine. Through this project 35-mm. photographs of x-rays, electrocardiograms, and gross and microscopical specimens pertaining to each published case are available to subscribers who use these cases as teaching exercises. At the present time the

weekly Clinicopathological Conferences of the Massachusetts General Hospital are being repeated in over 100 institutions in thirty states in this country and in a dozen foreign countries. The clinicopathological conference was introduced by Dr. Richard C. Cabot at this Hospital in 1910, and the use of this method of teaching is still growing, as evidenced by its recent inauguration in the Postgraduate Medical School of London, with publication in the British Medical Journal. The editorial accompanying the first of these reports, amusingly entitled "Catching Up with Cabot", ends with the statement that the Postgraduate Medical School at Hammersmith "has generously agreed to try with us to follow the example of our New England colleagues in Boston". *

After association with the Department for seven years, two of which were spent in England on a traveling fellowship, Dr. Fairfield Goodale, Jr. resigned to accept the position of assistant professor of pathology at the Dartmouth Medical School. Dr. William S. Morgan is on a two-year leave of absence to study biochemistry at the Wenner-Grens Institut in Stockholm, Sweden. Dr. Theodore Van Ravenswaay received a Fulbright Scholarship to spend a year teaching pathology at the Free University in Amsterdam, the Netherlands. Dr. William T. Thurlbeck has gone to London, England, for a year divided into six months at St. George's Hospital in clinical pathology and six months at the Brompton Hospital. He will return late in 1959 to join the thoracic unit in collaboration with Dr. John H. Knowles. Dr. Richard G. Dickersin completed the residency training program, and has become the first full time pathologist of the Brockton Hospital.

The statistics of the diagnostic examinations follow:

	1957			*1958*		
	MGH	*Outside*	*Total*	*MGH*	*Outside*	*Total*
Autopsies performed	728	276	1,004	854	312	1,166
Percentage of patients dying in MGH	65%			71%		
Surgical specimens	9,559	2,952	12,511	9,917	2,392	12,309
Microscopic preparations			67,798			70,363
Cytological Specimens			10,142			10,057

BENJAMIN CASTLEMAN, M.D.
Chief
Department of Pathology

*British Medical Journal, No. 5116, pp. 220-221. January 24, 1959.

Annual Report of the John Collins Warren Laboratories of the Huntington Memorial Hospital of Harvard University

AN understanding of why cells become malignant presupposes knowledge of normal cell growth and what controlling mechanisms are normally operative. In these laboratories, as in others throughout the country, research on cancer is carried out side by side with research on normal biological processes. In both areas several different projects are underway here, some the inspiration and preoccupation of an individual, others the cooperative effort of a team of investigators. The biological object studied varies from the whole living organism all the way to its isolated subcellular parts, and it is perhaps interesting to describe our research activities on this basis.

Among those working with purified enzymes, or "cell-free" systems, Drs. Loftfield, Stephenson, and Hoagland (who returned in October from a year in Cambridge, England) have during the past year continued their efforts toward an understanding of protein synthesis by liver and ascites tumor cells. The increasingly apparent involvement of nucleic acids in this process has drawn Dr. Scott deeper into this group, since his return from Stockholm in September. In addition we were joined this fall by Dr. Richard Morgan from the Children's Hospital. Dr. Roger Monier from l'Institut Pasteur in Paris, and Dr. Marvin Lamborg from Brandeis University. Year before last this group discovered the intermediate role in protein synthesis of a soluble ribonucleic acid, in addition to that form of ribonucleic acid which is bound to microsomal particles and presumably functions as a template for the protein under construction. This finding has since received much further attention in these and many other laboratories. The multiple complicated steps between free amino acids and a finished protein

molecule containing these amino acids in a specific sequence allows room for specialization even among this group of investigators.

Several others work primarily with subcellular systems. Dr. Spector is interested in the mechanism of various metabolic processes such as citrulline synthesis, the desulfuration of thiourea by cytoplasmic thyroid particles, and the possible importance of acylated purines and pyrimidines. Dr. Aisenberg, who joined us this fall after two years in the Robert W. Lovett Laboratories, has continued his interest in glycolytic and oxidative reactions. This program, concerned with mechanisms by which cells produce chemical energy, supplements other studies primarily concerned with how cells use the energy so produced. Dr. Maurice has been carrying out studies on the role in blood clotting of a lipid factor released from platelets. Finally, Dr. Bucher may be considered a member of this group in view of her series of investigations of the steps in cholesterol synthesis by liver cells; since last March she has continued this work in London and Munich, and now in Berkeley.

Investigators concerned with the metabolism of whole cells are confronted with more complex, less precisely defined systems. Such studies must parallel work on isolated components of cells if we are to gain an integrated picture of cellular processes. In Dr. Engel's laboratory the study of steroid metabolism in preparations of human tissues, such as placenta and fetal liver, and on steroid biogenesis by isolated human endocrine tumors, has been continued. In addition, this group has this year carried out cell fractions to pinpoint the intracellular localization of several steroid dehydrogenases in the microsomal particles. Dr. Cameron, who returned to England in December, completed pioneer studies on the urinary metabolites of radioactive estradiol administered to normal patients. More than the rest of us, this group makes use of biological systems ranging from simple to the most complex.

Under this category of research with whole cells would also fall Dr. Sohier's work toward an understanding of the red blood cell abnormalities in cancer patients.

Dr. Gardella continues his interest in the effects of radiation on cells, and has chosen as test object the organism *tetrahymena*

pyriformis, which can be made to divide synchronously. Thus he is able to test the effect of radiation on various phases of the mitotic cycle in large populations of cells. In order to gain an understanding of the metabolism of normal and cancer cells under controlled conditions, Dr. Littlefield is establishing a tissue culture laboratory. Finally, Drs. Loftfield and Scott may be considered members of this group by virtue of their interests in protein and nucleic acid metabolism in rabbit reticulocytes and ascites tumor cells.

At the other extreme from studies on purified enzymes are a series of studies on the whole organism. In this area Drs. Russell and Sparrow have continued their work on transplantation immunity. Using the serum calcium level as evidence of function of transplanted parathyroid glands, Mr. Gittes and Dr. Russell have amassed considerable evidence that this tissue is less antigenic than skin, with which most transplantation studies have been done. Our other surgical colleague, Dr. Grillo, has continued his work on wound healing in guinea pigs, concentrating on the normal phenomenon of wound contraction. His interesting data led to the tentative conclusion that cell migration, rather than contraction of collagen fibrils as has been assumed, may produce this phenomenon.

Finally, research studies are carried out on patients by several members of this laboratory, Drs. Baker, Sohier, Freymann, and Maurice, who as members of the cancer chemotherapy group are responsible for consultations on ambulatory and hospitalized tumor patients. Several of these workers are compiling results of a large number of cases treated with the new agent, Chlorambucil. In addition, Dr. Baker has been interested in evaluating the possible use of progesterone in metastatic cancer, and he has been associated with Drs. Cameron and Engel in the studies on estradiol metabolism described above. Dr. Freymann has continued his investigations of abnormalities of iron metabolism and erythrocyte production in the anemia occurring with lymphoma, in the erythrocythemia associated with renal and cerebellar tumors, and in polycythemia rubra vera.

During the past year Dr. Elizabeth Keller, long a valuable member of the protein group, left for further studies at Harvard; Dr. Liselotte Hecht, who contributed greatly to the work

on soluble ribonucleic acid, accompanied her husband, Dr. John Fessler, to Oxford; and Dr. L. H. Smith left us to take on the challenging position of head of the Hospital's Endocrine Unit. For us such departures as these are a mixture of good wishes and sadness. It is a pleasure to record that last year Dr. Engel was promoted to Associate Professor of Biochemistry in the Harvard Medical School.

We cannot conclude this report without expressing our great appreciation to the Hospital and Medical School, association with which is so valuable to us. It is difficult to imagine an environment more stimulating and conducive to our research efforts.

PAUL C. ZAMECNIK, M.D.
Director

Report of the Coordinating Committee

THE reports of the member groups of the Coordinating Committee appear below for The Ladies' Visiting Committee of the Massachusetts General Hospital, the M.G.H. Staff Wives Association and the Distaff Club. Elsewhere in the Annual Report will be found the report of the Board of Managers of the Vincent Memorial Hospital, also a member group of the Coordinating Committee.

MRS. FLOYD H. BLACKMAN, CHAIRMAN, PRESENTS THE FOLLOWING REPORT FOR THE LADIES' VISITING COMMITTEE:

In June 1958, the Ladies' Visiting Committee started toward its 90th birthday with a sustained interest of eight decades in whatever contributed to the comfort and confidence of the patients. During the past year, October 1957 to October 1958, the following sub-committees implemented this primary concern, but such a bare outline of facts gives no inkling of the warmth of interest and devotion that made the services possible.

Ward Visiting Visitors were assigned on a monthly basis to the "longer-stay" wards and referral visiting was the pattern for the other wards in White and Bulfinch and in the Baker and the Phillips House. The Ward Visiting Chairman received requests for visitors from the chaplains, doctors, nurses, ward secretaries, social service workers, and from the friends of patients. The Chairman now has two radios to loan to patients when special circumstances indicate a need.

Baker "Coffee" Coffee or tea, or lemonade in summer, was served without charge to patients and guests in the Baker reception rooms, Mondays through Fridays during the year, from 12:30 to 2:45 p.m. The coffee hostesses also escorted patients to their rooms when extra help was needed during these hours. Four daily newspapers were provided for the reception rooms and the members of the Baker "coffee" committee and those who worked there made a special effort to bring in recent magazines. Members were on duty from October through June and

a paid hostess covered July and August. This service is entirely supported by the Ladies' Visiting Committee.

Traveling Store Carts Though revenue is secondary to service as an aim of this project, all profits are used to help the Hospital and it is, therfore, pleasant to record on both counts that purchases increased in the past year. The following figures, like those of the General Store, are based on the calendar year. Sales totaling a little more than $3,700. The two carts had a combined record of 161 days of operation and visited the following areas (though not all wards each time) as follows: Baker 69 times, Bulfinch 40, Phillips House 40, Vincent 43, White 62, Overnight ward 52.

The General Store The renovation of the Store made possible more wares and profits and the enticing case in the Moseley corridor was a gift from an L.V.C. member. To Mrs. Warton goes most sincere praise for the very attractive way she arranges its shelves. The profits are disbursed for the benefit of the Hospital and it is with gratitude to those who operate the Store and to those who buy that its annual report is appended.

Chapel Fresh or artificial flowers and foliage were arranged in the vases of the Chapel by the Chapel chairman and volunteer members. Special attention was given to the concert days and at ceremonial times of the year and the cross was brought forth at Easter, Thanksgiving and Christmas. The first book for recording marriages and baptisms which take place in the Chapel was purchased from the Marion Lee Lawrence Fund. It is bound in blue leather, tooled in gold, appropriately marked, and decorated with the Hospital seal. The book is to be kept in the Chaplains' Office. The Chapel budget was $300.

Christmas As usual this committee was responsible for the Christmas program leaflets and arranging the carol singing. It provided all outside wreaths and trees and was responsible for some indoor decorating as well. The committee helped with some of the Christmas parties and for the first time the Chairman of the Christmas committee arranged that the party for the children in Burnham should take place on Christmas eve instead of days ahead. Gay red stockings, filled with gifts carefully chosen to satisfy each individual child, were left with the

night nurses to be hung on the children's beds after Morpheus had made his rounds. Approximately $500 was spent by this committee.

Flowers and Plants Flowers and plants were provided for special occasions in the Hospital and members of this committee were also responsible for arranging flowers and plants on a continuing basis in a few specific places in the Hospital. The budget of this committee was $300.

Furnishings Among the contributions of this committee were $500 for equipment on White 9 when it was reorganized for a Rehabilitation ward; furnishing a small waiting room on Bulfinch 3; playroom supplies for the Children's Medical Clinic, repairing and recovering a sofa and three chairs for the Psychiatric Clinic, and a table and four chairs for children for the White Admitting Office.

Library and Occupational Therapy There has been a liaison committee to these departments since their beginnings. Five subscriptions each of the following magazines were given to the Warren Library for the pleasure of the patients: "The National Geographic", "Holiday", "The Readers Digest" and "Good Housekeeping" and the prism glasses given by this committee are in good repair. Among the contributions to the Occupational Therapy Department were the salary of a diversional therapist, $100 for parties for patients, and a typewriter and victrola records, donated by a member.

Television and Radios A television set was purchased for White 2 and a radio for White 5B. An L.V.C. member made a diagram giving the make, size and location of the 40 television sets in the Hospital, and by means of an anonymous contribution she was able to have 23 sets repaired. Therefore, *mirabile dictu,* on December 1, 1957 all T.V.'s were in order! Though it would be costly to wire the Hospital with a master antenna system that would provide good television reception for all patients at all locations, it merits scrutiny.

Treasurer Approximately $7,000 was disbursed by the Ladies' Visiting Committee for the benefit of the patients and the Hospital.

The financial report of the General Store, which is operated by the Ladies' Visiting Committee for the benefit of the Hospital, is not given elsewhere in this Annual Report. As a matter of record, the figures for 1958 follow:

Balance on hand December 30, 1957		$ 7,062.38
Cash Receipts		62,203.30
Total		$69,265.68
Expenses:		
Salaries	$ 7,251.68	
Stock Purchased	45,854.15	
Utilities Charge	150.60	
Miscellaneous	228.30	
Renovation of Store	2,205.21	
Total Expenses		55,689.94
		$13,575.74
Paid to Ladies' Visiting Committee	$4,000.00	
Paid to MGH Staff Wives Association	250.00	
Paid to Distaff Club	100.00	
Expenses of Baker Hostess Service (Dietary Dept.)	215.22	
Total Paid Out from Earnings		4,565.22
Balance on hand December 30, 1958		$9,010.52

SUMMARY

Receipts	$62,203.30	
Expenditures	53,484.73	
Operating Gain	$ 8,718.57	
Cost of Store Renovation	2,205.21	
Cash Gain	$ 6,513.36	
Increase in Inventory	668.00	
Gain for 1958	$ 7,181.36	
Value of inventory December 29, 1958		$ 3,942.00

Representatives of the Committee attended all meetings of the Coordinating Committee, the Volunteer Advisory Committee and the Social Service Advisory Committee. To those who are far less knowledgeable than the professional members

the meetings were enormously interesting and instructive, and the insight and information gained by all must surely result in greater understanding and more fruitful cooperation. The meetings of the New England Hospital Assembly and the Massachusetts Hospital Association were another source of helpful ideas and an L.V.C. member attended the Convention of the American Hospital Association in Chicago as a representative of the Coordinating Committee. The minutes of the Coordinating Committee reveal how carefully Dr. Clark encourages discussion of points gleaned at these outside meetings and how thoughtfully he informs us about the Massachusetts General Hospital and the general hospital world as well. Now and then the Chairman of the Ladies' Visiting Committee was invited to discussion groups concerning other divisions of the M.G.H. — another productive outcome of the Coordinating Committee. The Staff Wives invited this Committee to a delightful tea party and the L.V.C. took a happy part in several M.G.H. festivities.

Though repeated year after year, it cannot be said too often, how deeply the members of this committee appreciate the kindness and interest of the Hospital Family.

MRS. ALFRED KRANES, PRESIDENT, PRESENTS THE FOLLOWING REPORT OF THE MGH STAFF WIVES ASSOCIATION:

The following annual report of the M.G.H. Staff Wives Association is basically the same as the reports of previous years. A few new projects have been added, which we are pleased to note. What perhaps will not be obvious is the sense of the organization feeling more stable and secure, a feeling that the projects we are undertaking are being done a little better, and a little more thoroughly. This is due largely to the passing of time, for our Reception Center is now going into its third year, and much has been learned by trial and error.

The Reception Center continues to be our focal point of activity and must be running smoothly at all times to be effective. It is here that all professional visitors to the Hospital are sent to register, and here that the greatest concentration of work is done; especially for the foreign visitors, whose needs are the greatest. At almost any month during the year there

are about 100 foreign visitors in the Hospital, some for a few weeks, some for a year or more. They may be in this country alone, or may be accompanied by their families. Fifty-four different countries have been represented this past year. It is both interesting and gratifying to be one of their first contacts in this country, and to feel that we can be of help.

This fall, the Staff Wives Reception Center was asked to be responsible for the distribution of all *Theatre and Symphony Tickets* given to the Hospital. This work, previously handled by the Community Relations Department, is not entirely new to us as each year we have had Symphony tickets turned directly into the Reception Desk to be given to the foreign professional visitors. Now our ticket business will involve much more, of course, but we are fortunate in having one of our most capable and enthusiastic Staff Wives working on plans as to how it can best be done. She has already found two other members who are particularly interested, and are devoting much extra time to it.

The Housing Committee is in charge of one of our most active projects at the Reception Center. At the moment the Committee consists of six Staff Wives who devote much time and careful research toward finding suitable housing. A very extensive and up to date file of all this information is kept at the desk. If a foreign visitor needs special help because of a language difficulty, or for some other reason, some member of the housing committee will personally go with him in search of suitable living quarters. During the past year there have been approximately 150 requests for housing. More and more frequently letters are received from a foreign visitor in anticipation of his visit here, stating date of arrival, seeking information of all descriptions, and giving an outline of housing needs. These letters are answered as carefully and clearly as possible.

The Furniture Exchange continues to use McLean Hospital for its storage space. Although there is an ever increasing supply of furniture, thanks to the generous donations of interested people, there is never enough to meet the demand. This service is deeply appreciated by our foreign visitors, as even the loan of a few pots and pans can help balance the meager funds which they are allowed to bring to this country. At times

we have enough furniture on hand to furnish several rooms with essentials, sometimes we have practically nothing.

Both the General and McLean Hospitals have been most helpful in this project — the M.G.H. by allowing us the use of a truck to pick up donations and McLean in allowing us storage space. Our appeal for donations is perennial.

Our usual three *Teas* were given for professional visitors this past year. Because such functions are becoming increasingly difficult, due to the Hospital having to cut down on housekeeping help, we plan to have only one tea in the coming year. After that a decision will be made concerning the future. This is the only occasion when the professional visitors and their wives are honored as a group in the Hospital, and they have always looked forward to attending these Teas whenever possible.

The *Chapel Concerts* were held every other Wednesday afternoon at 3:00 o'clock during the fall and winter months, a total of 13 in all. There was also one concert on White 5, which was enjoyed by the patients who perhaps could not have been taken to the Chapel.

At Christmas time a C. C. Harvey reconditioned piano was bought for the Chapel from Steinert's. This was made possible by an anonymous gift of $500, and $295 came from the M.G.H. Shattuck Music Fund. It was felt that replacing the upright with a grand piano would be a great improvement for, and inducement to, artists who perform for patients in the Chapel. This proved to be true the second half of the year.

Beginning in the fall of 1958 the Staff Wives took over the complete responsibility of running the Chapel Concerts. Previously the Community Relations Department had helped with the printing of notices, programs, etc., and in many other ways. We still have Mrs. Weiss to help and advise us for which we are grateful.

Under the heading of *Special Projects* come such activities as helping with National Hospital Day, Ether Day, Christmas Parties and the Spring Dance. We always enjoy this opportunity to work more closely with other groups in the Hospital.

Another special project that is becoming an annual affair is the Spring Picnic given in Lincoln for the Professional Visitors and the House Staff. This year it was held at the home

of Dr. and Mrs. Perry Culver and about 50 people attended. The Staff Wives living in Lincoln and surrounding areas shared in planning the Picnic.

Our *Publicity* has been carried out exceedingly well in *The News, The World,* and occasional articles in the Boston papers. The little booklet of information, which we printed a year ago to send to foreign visitors before they leave their countries, has been most successful. From time to time we get requests from other hospitals throughout the country concerning information about our activities, and very accurate and detailed accounts have been sent, thanks to our Publicity Chairman.

To make it possible for the widely scattered Staff Wives to have closer contact with each other, and particularly for those who cannot get into the Hospital to work, the organization continues to have geographical subdivisions in 12 communities. Each area has a *Community Chairman* who is responsible for two meetings within her area each year — generally in the form of a morning coffee. All Staff Wives within the community are invited, and often the wives of any foreign doctors who may live nearby. The President or Vice-President of the Association plus other representatives from the Reception Center attend each meeting in an attempt to keep the members informed concerning various activities and projects.

Much that is of value comes from these meetings, whether there are two or three members present, or whether there are twenty-five. (These figures demonstrate the actual attendance of two different communities in the fall of 1958.) Sometimes there is just an exchange of ideas, which is invaluable, often new active workers are recruited, and sometimes the idea for a big project within the community, such as the furniture drive in Belmont last year, will be born.

There are many other ways in which the Community groups are helpful throughout the year. It is my belief that it is through these Communities that the Staff Wives Association will gather its strength in the years to come. This will come about only by hard and persistent work, and with particularly interested *Community Chairmen,* but we hope to continue to find enthusiasm and support, as we have in the past.

The Staff Wives Association was represented at the Ameri-

can Hospital Association Annual Meeting in Chicago, August 18-21, 1958; they were also represented at the Massachusetts Hospital Association Meeting, New England Hospital Assembly and the Greater Boston Auxiliary Section Meetings of M.H.A. Two members represent the Association on the Coordinating Committee, and two on the Trustees Advisory Committee to the Volunteer Department.

The Annual Meeting of the Association is held each May, at which time new officers are elected and take office. This is the only meeting of the group as a whole throughout the year.

Our dues continue to be $3.00 per year, and are voluntary. In the year 1957-1958 we had 114 dues paying members, and a total of $576.00 in dues and contributions. We worked within a budget, and came out just about even. The Staff Wives are most grateful for a contribution from the Ladies' Visiting Committee which enables us to have a little reserve to draw on if some necessity arises. We are considering whether or not our dues should be raised, for each new project adds to our expenses. The final decision has not been reached at the time of this report.

We wish to thank everyone with whom we have worked this past year. The Volunteer Department is always most cooperative and helpful, as are the many individuals and groups within the Hospital to whom we turn for advice and guidance. It is nice to feel a part of the Hospital Family, all of whom are working for a common goal.

MRS. JOHN W. GROVER, PRESIDENT, PRESENTS THE FOLLOWING REPORT FOR THE DISTAFF CLUB:

The following report of the Distaff Club activities covers the period October 1, 1957 to September 30, 1958.

Members of the Club are wives of House Officers, Research Fellows and women doctors on the House Staff. As one of the Club's primary purposes is to help the members meet each other and feel more at home in the Hospital and in Boston, speakers were presented at a number of the meetings with an informal coffee hour following. These included Mrs. Mildred Nolte of the Y.W.C.A., who demonstrated Christmas Gift wrapping; Mr. W. G. Constable, former Curator of Paintings, Museum of Fine Arts, whose topic was "Collectors and Collecting"; Dr.

Berry Brazelton who discussed problems of raising children; and this fall, Mrs. Billie Foy gave hints on good grooming. Other things planned to make the wives feel welcome included a tour of the Hospital, small informal meetings in their own area, and the *Distaff Newsletter,* published three times a year.

Several events now seem to be annual ones for Distaff. One is the formal dance held in May, this year at the Commonwealth Country Club. Other highlights of the year for Distaff members and their husbands were the Christmas party in the Penthouse and the picnic in Concord.

The Club is most appreciative of the activities planned for them by other hospital groups. The two Welcome Teas given in July and January were certainly hospitable gestures to the newcomers. The Staff Wives morning coffee and Mrs. Weiss' Musicale at her home were extremely pleasant events.

The group did not forget its function as a service organization, however. Six pairs of heavy drapes were made by members for the Surgical Dispensary, with the financial assistance of the Ladies' Visiting Committee. Other projects were the mounting and hanging of twelve nursery prints in the Children's Medical Clinic and the display of colorful travel posters in the psychiatric wards. More projects are now in progress. Christmas time found the Club members busy with the annual gift wrapping session for the Hospital Children's Party, assisting at the Burnham festivities, and helping at the MGH Family Party. Some members enjoyed working for Ether Day and National Hospital Week.

Officers for the year July 1958 - July 1959 are as follows: President, Mrs. John W. Grover; Vice-president, Mrs. William E. Karnes; Secretary, Mrs. Robert Ojemann; Treasurer, Mrs. G. Melville Williams.

Report of the Advisory Council of The Massachusetts General Hospital School of Nursing

THERE is always something most satisfactory about writing an annual report. The summing up of thoughts and actions which have taken place during the year gives a feeling of accomplishment which is completely lost if the effort to make such a report is not made.

At the first fall meeting Miss Sleeper gave an account of the entering class of 136 students, 86% of whom were from New England and 14% representing a broad geographical distribution from New Jersey to Oregon. It is apparent from hearing of their previous educational backgrounds that the MGH School of Nursing is attracting well qualified students each year.

Several changes in the curriculum of the School of Nursing have been made. The class entering in March will henceforth be omitted. The preclinical period will be abolished as such and the students' entire first year will be given over to basic preparation for nursing; and the internship will be increased from eight to twelve months. Miss Sleeper outlined these changes and at subsequent meetings Miss Helen Sherwin, Supervisor of Instruction in Science, Miss Natalie Petzold, Instructor in Fundamentals of Nursing and Coordinator of First Year Instruction, and Mrs. Margaret Anderson, Instructor in Pediatric Nursing, gave more detailed reports of their respective fields which illustrated the imagination, broader concept of teaching skills, and the thoughtful planning of the faculty for this new program. The MGH School of Nursing has had many "firsts" in Nursing Education and it is evident that with this kind of forward thinking it has not had its last.

Two or three students speak to the Council each year about their activities, and are in turn asked questions by members of the Council. Miss Virginia Brayton, President of the Student Nurses' Cooperative Association, Miss Jane Wright, Represen-

tative to the Massachusetts State Student Nurses' Association, and Miss Susan Truby gave excellent reports. When asked what they thought were the most needed facilities for the School they all agreed on first, a new dormitory, second, more athletic facilities which are now practically non-existent, and third, a new library.

Professor Everett C. Hughes of the University of Chicago, who was working under a grant from the Rockefeller Foundation to evaluate the Coordinated Program of the MGH School of Nursing and Radcliffe College, spoke informally to the Council in November.

Miss Alice Casey, an MGH Council member and Guidance Counselor for the Boston Public Schools, gave an interesting report on "The Impending Tidal Wave of Students," and related it briefly to the impact it will have on future nursing students. Mrs. Anne Lyons Twomey, another Council member and Associate Professor at the Simmons College School of Nursing, enlarged upon this same subject with a summary of "Nurses for a Growing Nation." Thus, many divergent subjects pertaining directly to the School and to nursing as a whole have been discussed, and plans for the future seriously considered.

It would indeed have been an entirely encouraging and bright year for the School and the Council had it not been for the sudden death in August of our Assistant Director of the School, Miss Jessie Stewart. An Assistant Director of the three-year diploma School program for eleven years, Miss Stewart had endeared herself to many students and to the Council. She was an able nurse and a conscientious citizen, taking active part in nursing problems in the Hospital and in the community of Greater Boston. Her sound advice and patience will be greatly missed by all who knew her.

I wish to thank faculty, Council members, and others who have so conscientiously attended these meetings, for their interest and individual contributions of thought and time given to the work of this Advisory Council.

Respectfully submitted,

HELEN R. BRACE
Chairman

Massachusetts General Hospital

Nursing Department

	1958
Average No. of Graduates on General Hospital Staff and Clinics	254
Average No. of Graduates on School of Nursing Staff	46
Average No. of Graduates on Baker Memorial Staff	78
Average No. of Graduates on Phillips House Staff	76
Average No. of Accepted Pupils	296
Average No. of Preclinical Students	77
Average Total	827
Total No. Preclinical Students Admitted (includes 7 Degree)	135
Preclinical Students Dropped and Resigned (includes 3 Degree)	6
Students Graduated (includes 0 Degree)	93
Accepted Pupils Dropped and Resigned	20
Total Dropped and Resigned (includes 3 Degree)	26
Students Readmitted	2
Average No. of Graduates on General Hospital Staff—*Part Time	18
Average No. of Graduates on Baker Memorial Staff—*Part Time	5
Average No. of Graduates on Phillips House Staff—*Part Time	5
Total *Part Time Graduates	28

CENSUS OF THE NURSING SERVICE AND SCHOOL OF NURSING
OCTOBER 1, 1958

Graduate Nurses, General Hospital and Clinics	255
Graduate Nurses, Baker Memorial	74
Graduate Nurses, Phillips House	80
Total	409
STUDENT NURSES:	
Accepted students	280
Preclinical students three year program	127
Preclinical students Coordinated Program with Radcliffe College	12
Affiliating students from other schools	61
TOTAL GRADUATE AND STUDENT NURSES	905
NUMBER OF STUDENTS ASSIGNED OUTSIDE THE GENERAL HOSPITAL	
Baker Memorial	
MGH accepted students	13
Incoming affiliating students	14
Boston Lying-in Hospital	39
McLean Hospital	41
Public Health	0
NUMBER OF STUDENTS AFFILIATED IN 1958 FROM:	
Simmons College School of Nursing	19
McLean Hospital School of Nursing	18
Henry Bishop III Memorial (Pediatrics)	11
Leominster Hospital School of Nursing (Pediatrics)	10
New England Baptist (Clinics)	60

*Part time nurses expressed in equivalent of full time.

The Nursing Department

The School of Nursing

FOR the School of Nursing the year 1957-58 was a year of continuing reorganization. The class entering in the fall of 1957 completed the first year under a new curriculum plan. That 125 out of the original 130 still remain in the School is of itself evidence that the new program caused little upset to the student body. The over-all values of the plan cannot be determined until this class and several succeeding ones have been graduated. Major changes in the program have been made in each of the three years.

Freshman or first year — The preclinical period of six months, successor to the old probationary period, is now replaced by a well integrated first year plan. A core of sciences, physical, biological and social, is given major emphasis during the first eight weeks. During this period a new course in social backgrounds provides opportunity for the student to become acquainted with the community from which many of her future patients will come, and in which she is to live for her years in the School. A succeeding course in growth and development, and a social relations seminar help to bring understanding of self and people of all ages for whom the student will at some time care.

At the eighth week the introduction to nursing begins, and furnishes the integrating focus for continuing instruction in science and nutrition. In March the instruction in nursing is broadened to include the care of patients with medical and surgical conditions and correlated learning in medical and surgical nursing. In so far as the clinical services of the Hospital allow, the student in this first year moves progressively from the care of the ambulatory patient to the care of the mildly ill to the more complex care needed by the more critically ill patient or to those with more complex nursing problems.

To assure adequate practice with appropriate assignments for a class of 130, the schedule is arranged to provide simultane-

ously class instruction of 2½ days each week for one half of the group, and ward or clinical instruction of 2½ days for the second half. By this rotation from class to clinical assignment the instructors' time can be scheduled to assure each group the necessary instruction in class and in clinical practice. No night and evening assignments are given in the first year. The first year student needs a maximum of learning opportunity under guidance to insure safe care of patients and maximum learning. Such experience cannot be obtained on the evening or night periods, in part because the care the young student can give is not given during these periods, in part because it is not possible to maintain an adequate teaching force at these times. For the first time in the history of our School the beginning students have a reasonable weekly schedule, and study time proportionate to their need. It is noteworthy that the number of day users of the School Library rose this year by 3,118.

Junior or second year — In general arrangement the second year schedule shows less change. However, every student now proceeds into the assignments in psychiatric, obstetric, pediatric, orthopedic and clinical nursing with a sound background in medical and surgical nursing. In these special areas of study and experience the social science learnings of the first year have seemed to be evident. Adjustments to patients seemed to be made with greater ease. Understanding of the patients' needs as influenced by cultural backgrounds and age seemed more often to be considered in planning the nursing care. In this, as in the Freshman year, the number of formal class hours have been reduced, and instruction at the bedside increased.

Nurse internship or third year — The culmination of the School's teaching program is the third year internship. In this year it is hoped the student herself may take more responsibility for her practice, and for her further learning. It is hoped that with her background of learning and the resulting confidence the student may have increasingly advanced assignments in which she will develop further her manual, social, and judgmental skills. Operating Room experience, advanced medical and surgical assignments complete the year. As this internship is intended to be educational in character, a series of conferences are planned to give greater breadth and depth to the clinical

experience. These include management skills, as developed through leadership in team nursing, the group process, disaster nursing, advanced medical and surgical nursing, and professional adjustments. During this year the student may assume charge responsibility in the evening and night periods, and share through team assignment in the guidance of auxiliary workers. Students in the reorganized curriculum will not reach the internship period until September 1959.

It is too early to judge the results of the reorganized plan, but straws in the wind give some evidence of progress. Students are studying more for themselves. The ward experience now appears to be a learning opportunity, not just a work assignment. Tensions in the students, especially during the first year, appear to have lessened. Whether this particular class is uniquely a happy class, or whether the selection was more successful, or the new program more interesting, we do not know, but a loss of 4% is so extraordinarily low that one suspects we may not achieve this success again. Study of drop-outs over a period of time may tell why such a small loss occurred this year.

In the fall of 1958 tuition was increased from $300 to $500 for students in the revised program. No change either in interest as shown by the number of applications to the School or in enrollment was evident. More students in this class obviously sought and received scholarship aid than in previous years. The total amount of aid received by 49 of the 128 entering students was $9,710. Of this amount the MGH contributed $1,650 in remitted tuition. It is to be expected that more students will need help in the second and third years as the new tuition schedule becomes effective.

The need for more class room and more library space continues urgent, but the most crucial situation facing the School today is housing. To house the entering class, the enlarged enrollment from Simmons College, and the additional practical nurse affiliating students, 12 double-decker beds were added in the residences this fall. As this report is written, it would appear that the old 4 North Grove Street house with 41 beds must soon be closed because of defects in the construction, in time adding 20 more double-decker beds. It will not be possible to provide housing for the usual number of graduates,

about 100, and the increased number of students in the coming year, unless additional facilities are provided. Nor is it right to allow these double-decker beds to remain in rooms which are ample for one, but inadequate for two.

During the year Dr. Dana Farnsworth and Dr. Preston Munter worked with the members of the teaching staff on problems of student guidance. This was truly an educational experience for the teachers, and one which should reflect to the benefit of the student body as a whole.

The study of the Coordinated Program, conducted by Professor Everett C. Hughes of the University of Chicago, was finally received in the summer of 1958, and distributed to the members of the special advisory committee. This committee is composed of President W. K. Jordan and Mrs. Carl J. Gilbert, Chairman of the Board of Trustees, from Radcliffe College; Dean Francis Keppel, Professor Fritz J. Roethlisberger, Dr. Edward D. Churchill, and Dr. Hugh R. Leavell from the Harvard University Schools of Education, Business Administration, Medicine and Public Health, respectively; Mr. John E. Lawrence, Trustee, Dr. Dean A. Clark, Miss Dorothy Wilson, representing the Alumnae Association, and Miss Ruth Sleeper from the Massachusetts General Hospital. After study and consideration this committee will make recommendations for future action to Radcliffe College and the Massachusetts General Hospital. The continuing lack of applicant interest in the Coordinated Program, as it is now organized, accentuates the need for a plan which is shorter, which is open to the college graduate who has already chosen her career, and which is geared to the special needs and interests of the college woman.

In the fall the School of Nursing was chosen, simultaneously with the Nursing Service, to carry on a study of Nursing in Disaster. Two main phases of the School's study are curriculum planning and implementation for the student nurse, and planning and initiating an in-service education program for the faculty itself. The money to make this study possible was given by the OCDM through the National League for Nursing. The full time consultant to assist in the planning was loaned by the U. S. Army Nurse Corps. Results of the year's study will be shared with all other schools in the country in a report to be

published by the National League for Nursing. The three other schools of nursing participating in the study are in universities.

In August the School of Nursing suffered a severe loss when Jessie M. Stewart, Assistant Director of the Diploma Program, died after a very brief illness. A graduate in the Class of 1935, Miss Stewart had prepared herself for nursing school administration by study for both her Baccalaureate and Master's degrees. She had taught at the Massachusetts Eye and Ear Infirmary and in our own School. In 1947 she was appointed Assistant Director. Miss Stewart's life was in a very real sense a dedicated one. She gave generously of her time to School activities and to individual students. Many students were better for her guidance. The Student Association grew stronger with her assistance. She worked effectively with the young instructor to help her to develop. She was always ready to assist outside groups. This year she had been Chairman of the United Community Services Nursing Council Committee to Develop a Junior College Program. We shall miss her initiative, her ability to plan, her unfailing readiness to take on new responsibilities, her interest in the student nurse. We shall miss Miss Stewart in all phases of the life and program of the School.

The Nursing Service

For the first time since 1941, and only for several months, the Nursing Service this year employed an adequate number of nurses to meet the patients' needs. Unfortunately, we now have learned that enough can be too many, for we end the year with a reduced staff, and again find the employment of staff nurses a spasmodic and difficult process.

Due in large measure to the new pay schedule adopted at the close of the previous year, 1957-1958 began with promise. Nurses were available. Nurses were attracted by pay and the various other opportunities offered at the Massachusetts General Hospital. In October 1957 a total of 260 staff nurses were in the employ of the Hospital. By March 1958, when the spring class was graduated, the number had risen to 349. This growth in numbers was consistent with the increasing demands for patient care evident in the fall and mid-winter. With the spring

the patient census began to drop, and the Nursing budget suddenly was too high in proportion to Hospital income. With other departments, Nursing was asked to reduce expenses as rapidly as possible. As a seasonal loss customarily occurs in late spring and early summer, it seemed wise first to reduce the number of hourly nurses employed. However, the need for a Hospital-wide austerity program was soon known to all personnel as more economical use of supplies, equipment, and time was attempted. Then followed in rapid succession a long and disastrous series of resignations. Not only was the budget reduced, but the Nursing Service was faced again with a difficult program of recruitment and orientation. Actually our loss was expensive far beyond its budgetary value, for we had lost an effective, experienced group of workers, and the faith which had helped to develop a steady and constructive morale.

As the year ends Nursing continues to search for some method which will provide a stable service, hold experienced workers, and help to avert these annual austerity programs which destroy the year's gains. A Nursing staff cannot be expanded and contracted at will like a machine. It can only be built with the assurance of steady support, and understanding of nurses and the excessively competitive market which now exists.

It is often said that a hospital nursing service is not concerned with education. This is far from true of our Nursing Service.

Since 1951 the Household Nursing Association School of Attendant Nursing, now the Shepard-Gill School of Practical Nursing, has sent about one third of its students to the Baker and Burnham Memorials for experience in patient care and related instruction. In February 1958 an affiliation was accepted with the Boston Trade High School for Girls. Sixteen of these young women joined the classes already provided. The Assistant Director of Nurses in the Baker Memorial and a special Nursing Service instructional staff of four are responsible for these students.

Since 1951 Boston University School of Nursing has sent graduate nurses from the Baccalaureate program for advanced experience in medical and surgical nursing, and nurses in the Master's program for experience in special areas such as nursing service administration, supervision, and teaching. The Associate

Director of Nursing Service, appointed as Clinical Coordinator by the Boston University School of Nursing, is responsible for the guidance of this program.

Since 1951 the Nursing Service has received nurses from foreign countries on a plan developed under the American Nurses' Association Exchange Visitors Program. Annually the MGH has accepted six to eight nurses from abroad who come for six months of work and study. For these nurses this is an opportunity to see and participate in the American pattern of nursing care. For us here at the Hospital this is a rewarding experience too. As we help to orient them to their new surroundings we grow in knowledge of other systems of nursing, and in understanding of other peoples and cultures. This program, discontinued because of our need first to rebuild a stable nursing staff this year, we hope may be reestablished in 1959. Responsible for the Exchange Visitors Program are the Associate and Assistant Directors of Nursing Service and Staff Education.

Our educational responsibility in Nursing Service also includes the employed personnel in Nursing. Begun originally as a program planned and conducted by a group of supervisors employed by Nursing Service, the in-service or Staff Education Program is now the joint responsibility of instructors in staff education, head nurses, supervisors and assistant directors in each building. Classes for beginning aides, continuation classes for licensed practical nurses, staff nurses, head nurses and supervisors are included in the plan. Special developments this year include a series of meetings for supervisors, the head nurse development classes, and a new program in disaster nursing for all categories of nursing personnel. This latter program is a part of the Nursing Department's pilot study and experimentation in Disaster Nursing conducted concurrently with the School of Nursing, under a grant from the OCDM through the National League for Nursing.

Education is not reserved only for students in nursing or for employed personnel. The Nursing Service is interested also in the teaching of patients. Instruction in how to keep well, how to give care at home, are essential parts of nursing care. During the year two more booklets have been added to the ten previously prepared for patients by the Coordinator for the Referral

Plan and Patient Teaching, with the cooperation of doctors and the Nursing Service's Committee on Patient Education.

Much is said today about minimum and maximum or intensive care units. The latter is not new to the MGH for the former wards C, D, E and F were constructed and operated as intensive care wards near the turn of the century. Today only one such ward remains, namely Bulfinch 3. The values of this ward for its patients and medical staff are unquestioned. For other patients something is lost since nurses elsewhere in the Hospital do not have experience with the life saving devices so commonly used on B3. Consequently, when such equipment is used elsewhere nurses are not always ready to give the necessary care. Attention should be focused this coming year on ways and means of teaching some nurses for all parts of the Hospital these special techniques of care.

In August 1958 an attempt was made to develop an extra care unit in the Phillips House. The plan provided one nurse for each two patients throughout the twenty-four hour period. Nurses were found to staff the unit, but neither doctors nor patients seemed interested, so the plan which would have provided more intensive care at less cost to the patient was never actually implemented.

The rehabilitation unit on White 9 has made considerable progress this year although much still remains to be done to improve the nursing care. However, nurses are now beginning to understand the values of such nursing for the patients on this special ward, as well as all patients faced with long illness and physical handicaps elsewhere in the Hospital. Classes for the nurses on White 9 are beginning to show results, and the enthusiasm so essential for those working with the handicapped is beginning to be evident also on White 11 and other patient units.

Again this year the Department of Psychiatry has made a significant contribution to Nursing Service. Dr. Gerald Kaplan has met bi-weekly with the Administrative Committee of Nursing Service and with the supervisors. Dr. Hare has participated in the head nurse in-service education program. In this area where emotional problems and reactions play such an important part in patient care and employee relationships such meetings

are invaluable in the successful growth and work of the nursing personnel.

For several years emphasis has been placed on the development of the head nurse who may assume increased authority and responsibility. The results are now becoming evident. The day supervisory staffs in the Vincent-Burnham and Bulfinch are reduced to one nurse in each building. Head nurses are playing more important roles in over-all planning. This development is well illustrated by a head nurse in the Baker Memorial who as chairman, and with her committee, devised and put into use a new and improved evaluations form for all employed personnel in Nursing. A second head nurse in the White Building, as chairman with her committee, has worked with the Pharmacy to improve relationships and procedures related to the stocking of medicine closets, and the safe administration of the multitude of new medicines sent to the wards.

Supervisors too have done their share. One supervisor from the White Building, as Chairman of the Committee on Nursing Practices, has maintained a constant study of nursing procedures and practices to facilitate patient care, and save time and energy of nurses and other personnel.

The scholarship plan has continued to attract nurses. During the year 188 nurses have studied part time on the MGH scholarship at four of the local colleges and universities. As the plan for study was introduced especially to improve the preparation of the nurse in the patient unit it is encouraging to note that 63% of those studying are staff nurses, and 15% are head nurses. One head nurse returned after two years of study for her degree. Two instructors, one in the Coordinated Program and one in the three-year program, received scholarships under the Federal Grant this year to study for their Master's degrees. As the year closes one more instructor is about to begin her Master's program under the same grant. These fellowships which are eagerly sought after give full tuition, fees, and a stipend for maintenance.

The Nursing Staff as a whole has continued to make a broad community contribution which reflects to the credit of the Massachusetts General Hospital. Both the School of Nursing and the

Nursing Service have contributed to the progressive development of nursing at home and abroad. Members of both School and Nursing Service Staffs have served as officers and on boards and committees of the National League for Nursing and its State and local branches. The Assistant Director of Nurses in the Baker Memorial and the teachers for the practical nurse program have acted as unofficial consultants for the Trade High School for Girls and its practical nurse program. The School Counselor has served as Chairman of the U.C.S. Nursing Council Committee on Recruitment. The Instructor of Social Sciences has served as Chairman of the Committee working with residents of the West End, a liaison between the Boston Redevelopment Authority and the residents. The Associate Director of Nursing, a member of the American Hospital Association's Committee on Professional Practices, was also a member of a teaching seminar sent by the United States International Cooperation Administration to Uruguay, Peru, and Colombia, South America.

We may be proud of the foresight, the abilities, and the loyalty of our Nursing personnel, some making their contributions so quietly as to be unnoticed, yet nonetheless helping each in her own way to reflect credit upon the institution which they serve with pride.

RUTH SLEEPER, R.N.
Director of the School of Nursing and Nursing Service

Report of the Social Service Department

IT would be impossible to report adequately the work of the Social Service Department in its three-fold aspects of service, teaching and research without quoting extensively from the thirty individual staff reports representing all the multiple services and units of the Hospital. This report, therefore, can only indicate major activities and the changes and trends with the hope that some may wish to avail themselves of the opportunity to read the individual reports on file in the Social Service Department.

Statistics There has been a marked increase in the number of patients referred this year. From October 1, 1956 to October 1, 1957, there were 5,422 patients given service while for the same period 1957-58 there were 6,237 patients, an increase of 801 individuals. This increase has been fairly general on all services but significant increases are noted in the Baker Memorial and the Diabetic, Medical, Neurological, Psychiatric and Rehabilitation Services. The average monthly case load for the Department has increased from 1,685 last year to 1,910 for this year. Coupled with this increase was the decrease in staff in the spring and summer of 1958 due to the ten percent budget reduction. The staff were valiant in meeting this crisis and the added pressures, but there were many frustrations and disappointments where they were unable to give the high standard of careful and creative service of which they were capable.

As medical care becomes more complex and as the Hospital extends its responsibility as a health center, all of the staff are endeavoring to see patients and their families through to their maximum health goals or to continue to support them through chronic and terminal illness. This means that we shall be faced with an accumulative patient case load. Hospital policy and in turn Social Service policy must be reviewed and evaluated in the near future to consider how far we can extend ourselves and where we can best use our limited staff time and efforts. We shall need to consider where we can help patients utilize appropriate community resources, both medical and social, in meeting their many continuing needs.

Financial Relief for Patients The ancillary medical relief

costs for patients for which the Department is responsible decreased from $17,358.00 in 1956-57 to $10,491.00 this past year. Part of this reduction is due to the responsibility of government agencies for meeting directly the costs of services and equipment for their clients rather than the Social Service Department providing them. The cost for transportation, still the largest single item, has dropped from $9,539.00 to $5,038.00 for taxi service alone. This is largely the result of the Boston Department of Public Welfare assuming direct arrangements for transportation with their clients in all but emergency and unplanned trips. This was initiated in August, 1957, as described in last year's annual report. The $10,491.00 in ancillary expenses arranged for by our Department were met from the following sources:

Patients and families on time	$ 657.00
Special funds held and administered by Social Service	5,687.00
Private community agencies and trust funds	3,073.00
Government Agency reimbursement	1,074.00

The Lend-A-Hand Society, Webber Charities and Noemi Lodge and others have responded generously to our requests for individual patients, and the grants from the American Cancer Society (Massachusetts Division) and the Permanent Charity Fund have aided greatly in meeting costs.

This past year we have received two special gifts and bequests. A bequest of $4,000 was received from the Estate of Amy Edmonds, a former volunteer in the Department. The memorial gifts to the Hospital for Dr. W. Franklin Wood, amounting to $1,213, were designated by a Committee to the Department because of Dr. Wood's many years of devoted interest in the Department and his generosity each year in meeting costs of camp and Christmas gifts for children. It has been possible to continue these services in memory of Dr. Wood this year and for several years more through this gift.

Baker Memorial and Phillips House Miss Dorothy Kellogg has continued to serve in the unit of the Hospital with the medical staff giving service to over five hundred private patients. She reports, "a frequent question is 'What do you do in Social Service in the private care sections — are there personal and social problems there, too?' This genuine inquiry is basic to all

Social Service. The answers are in the nature of illness which is a more or less drastic experience whenever it comes — depending on how and when it interrupts usual responsibilities, activities and relationships. The answers are also in the intent of the Hospital in its service to patients. Social Service is part of the service structure of the Hospital in recognition of individual needs in illness and that these needs are shared by family and social groups of the patient and by the community of which the patient is part. Illness is what brings a patient to the Hospital, and thus clinical problems are highlighted: but the patient comes along too. Obviously patient care has as much to do with the patient as with the illness. Many patients at Baker come from distances, many are alone, many patients and families are faced with prolonged illness necessitating drastic adjustments. Some can leave the Hospital only if satisfactory home care or nursing and convalescent possibilities can be explored and assured. Fears and anxieties can be measurably eased through the supportive relationship of a known person in hospital service when illness interferes with usual communications and responsibilities. Such services as these are allocated to Social Service."

Diabetic Service In October, 1957, Dr. Richard Field requested additional service from the Department under the reorganized program of service, training and research which is being supported in part by a United States Public Health Service grant. Mrs. Frances Rabban, assigned practically full time to the Diabetic Service, has been active in one hundred percent social evaluation and service to new diabetic patients in the clinic as well as many ward patients who are being discharged to the clinic. She is contributing from her social evaluation and knowledge to the study and management of diabetics in relation to individual personal and social problems which effect treatment. Her continuing social studies are an integral part of the total program.

Psychiatric Service Under the able leadership of Miss Eleanor Clark, Supervisor, the Psychiatric Service served 1,074 patients. In addition staff have participated in training and research. Two special changes are worthy of mention:

1) Fees for Service — Beginning March 17, 1958, with the

approval of the Committee on Clinics and the Hospital Executive Committee patients in Adult Psychiatry were charged for certain social services through the regular clinic admission procedures. Heretofore, many patients had been receiving weekly services from social workers as medically agreed treatment plans, but were never charged clinic admission fees. Under the new plan all patients seen by the social workers for intake interviews are charged regular clinic fees. All patients or relatives referred by doctors for continued casework service are charged the clinic fee for each interview. This system of fee charging has been well accepted by the patients and agencies paying for patient care. In many instances fees have enhanced the therapeutic nature of the casework relationship. In this six month period fees were collected for 646 visits. During a typical month (November, 1958) 149 patients were charged for Social Service visits. It is to be hoped that some such plan can be worked out in the Child Psychiatry Unit.

2) Evaluation Service — During 1958 the demand for psychiatric evaluation and treatment has continued to mount. Our Department has begun to serve the Greater Boston area as one of the main sources of evaluation of psychiatric emergencies. Local doctors, social agencies and police have realized that through our open intake policy and emergency ward a patient can be evaluated immediately. This is a unique service in private facilities in this area, and one which serves the Hospital and community in an essential way. It does mean, however, that demands on the existing staff are enormous, both in Adult and Child Psychiatry.

Rehabilitation Service In May, 1958, Miss Gertrude Mackin joined the staff as full time worker on the Rehabilitation Service. Because of the nature of the Unit Miss Mackin is having one hundred percent contact with the patients and in this way can contribute with the total team in the evaluation of patients' past histories, present goals, strengths, limitations and future expectations so that realistic goals in rehabilitation can be set and implemented with patient participation. There is a great deal to be learned and accomplished in this complex unit but with the sensitive, able leadership of Dr. Ackerman real progress is being made.

Other Services Medical, surgical and their allied specialties have carried heavy increased loads under the pressures created by staff turnover and shortages. This has been particularly true of the Surgical Unit where rapid turnover as well as chronic illness needs demand skilled diagnosis and treatment.

Certain Hospital administrative changes have modified our services, increased our communication problems, and been of positive assistance as we integrate our services into the Hospital structure.

Government Agency Office The establishing of this office under Mr. Gladwin has been a tremendous help in our services to patients. Many patients who were referred to Social Service at time of discharge were found to be in need and eligible for assistance in meeting continuing medical costs. Plans for payment for nursing home, homemakers and chronic care were often delayed or financed by private funds while applications were being processed. Now instead of assisting many patients and families to make such applications we are assisting and supplementing the services of this office where special interpretation is needed or where patients and families need specific help in accepting this step which may seem loss of independence. Often self-maintaining families have not accepted the fact of serious illness and cannot therefore accept the fact that they will not be able to resume their normal ways of supporting themselves and their families or that there will be mounting medical costs. These patients need time and a chance to talk out these anxieties and fears, and Mr. Gladwin has called upon our staff to help patients who need this special service. We are often able to anticipate patients who will need the assistance of this office either at time of referral for hospital care or through medical social rounds where patients' personal and social needs are reviewed weekly.

Staff Changes Miss Mary Kearney for six years Supervisor on the Medical and Pediatric Services resigned in September to assume responsibility for a new child guidance clinic in Concord, Massachusetts. Miss Kearney contributed immeasurably to the staff development program and to the quality of practice. We were unusually fortunate to secure Mrs. Elizabeth Kurtz, a worker of twenty years' experience in casework and supervision,

to replace Miss Kearney. She has assumed supervisory responsibilities in a constructive and effective way with the staff.

Miss Charlottee Tejessy, senior worker in Adult Psychiatry, left to become Director of Psychiatric Social Service at the Massachusetts Memorial Hospital. Mrs. Edith Haughton moved to the Rehabilitation Training Unit under Boston and Simmons College Schools of Social Work in the place left vacant by Miss Mildred Alexander who is teaching at the University of California School of Social Work.

Miss Grace Nicholls, part time instructor at Smith College School of Social Work and part time in our Child Psychiatry Unit, joined the staff full time as assistant to Miss Eleanor Clark in charge of the Child Psychiatry Unit. Her abilities as caseworker, supervisor and teacher are greatly enriching not only the Psychiatric Service but the total Department through her staff seminars and consultations.

Student Cardiac Training Unit Under a grant from the National Heart Institute to Simmons College we are participating in a training program for social work students with special emphasis on heart disease. The first part of this year was spent by Miss Kearney in setting up teaching facilities here, developing case material in readiness to take students in September, 1958. In September, Mrs. Suzanne Deutsch left her assignment on the medical wards to assume responsibility for supervising the two students assigned here this fall and in implementing the program here and at Simmons. The program is being conducted here and at Beth Israel Hospital.

Cabot Memorial and Sarah Evarts Memorial Library The Cabot Memorial Library given to the Hospital and established by the Trustees in 1939 as a Memorial Room of Treadwell Library has this year, under Miss Cole, Librarian, been more closely integrated into the total Treadwell Library service than has been possible for many years. This collection of books and periodicals is now serviced by Miss Cole and her staff. The Chief of Social Service has been appointed to the Treadwell Library Advisory Committee. Both Miss Cole and the Advisory Committee believe that this library of books and periodicals, in the social work and social science fields, is a valuable and rather unique facility as a part of a hospital medical library.

In addition the Sarah Potter Evarts Memorial Library collection which was given in memory of Miss Evarts, the first head of Psychiatric Social Service, has been moved from a room on the Psychiatric Ward to a section in the Cabot Memorial Room and designated as the Evarts Memorial Library. Many of the books which were lost while it was without supervision have been replaced and this collection of books in the fields of adult and child psychiatry and psychiatric social work are also a valuable collection. The small incomes from both the Cabot and the Evarts Library funds are used to buy current periodicals and books.

Since this change both library collections have had wider use by not only social workers but also psychiatrists, psychologists, pediatricians, nurses and others. We appreciate Miss Cole's help and interest in making these collections fulfill the intended purpose of their donors in serving all disciplines in the health field.

Communications The staff under the leadership of Mrs. Abrams and Mrs. Kurtz are devoting study to the great problem of communications. This will be one of our major efforts in the year ahead and includes both written and verbal communication. Special consideration is being given to our present recording in the medical record. Because of the constantly increasing demand for workers to attend the many new rounds or conferences and contribute their social assessment to comprehensive understanding and planning in patient care we are also working on concise presentation of pertinent data.

Fiftieth Anniversary Volume The volume of the papers given at the Fiftieth Anniversary has been published and is on sale for $2.25. There have been many orders from all parts of the United States and other countries, along with many comments on the high quality of the material.

Social Service Advisory Committee This Committee has given, as always, thoughtful, constructive consideration to the many problems of staffing, practice and policy. Their assistance and support under Dr. Edward Young's chairmanship are a real part of the functioning of the Department.

JOSEPHINE C. BARBOUR
Chief of Social Service

Report of the Dietary Department

EACH year at this time as we pause to review the past twelve months, we regard this appraisal as a guide to the future. Many times during 1958 we have met, recognized and accepted the challenge of change.

The census reached a new high in each area of dietary service. Statistics in patient food service units indicate a steady increase in the number of special diets and discharge instructions. There were several departures from the usual diet pattern; noticeable increases appeared in the number of gastric and modified sodium regimes; in the low calcium diet orders which paralleled the census in the Rehabilitation Unit; in the Vincent-Burnham Hospital where the record lists 25 acid-ash diets, 25 gluten-free diets, 20 low phenylalanine diets; and in the over-all demand for diets in which the proportion of fat is limited.

There was a sense of urgency this year. The Administrative Committee advised us of immediate retrenchment in March, and we made plans to meet our share of the austerity program. Planned economies affected administrative areas as we continued our endeavors to improve patient service.

Last year we extended the selective menu to the service patients — this year we changed the menu format in each kitchen to offer the patients breakfast, lunch and dinner — in place of the traditional breakfast, dinner and supper. In the main kitchens, revised procedure patterns and a change in the cafeteria menu made it possible to decrease personnel requirements by fifteen, through concentrating the greatest changes in non-patient areas. The revised cafeteria menu offers distinct breakfast, lunch and dinner selections.

The details of many changes were developed with the cooperation of our Work Simplification group which has been working together with common interest since 1953. Upon their suggestion several members of the Department, both staff and personnel, were privileged to participate in a new pattern of supplementary assignment which offered them an opportunity

to observe, participate, and learn while visiting a related unit (one to which they are not regularly assigned).

During this period of assessment we reviewed and revised the experience patterns afforded the Dietetic Interns. These changes, together with a newly correlated class plan, have enriched their internship year and continued to support our lofty ambitions.

It is not possible to predict the future; however, while adjusting to fluctuating times, we endeavor to keep our sights focused on long range objectives in service and economy.

LOUISE HATCH
Director of Dietary Department
and School of Dietetics

Report of the Volunteer Department

THE year 1958 was an exciting and diversified one. Especially significant was the contribution that the Advisory Committee to the Volunteer Department made in helping all concerned to coordinate and interpret the purpose and program of the Volunteer Department. This committee was instrumental in revising the Volunteer Handbook which will be ready for distribution next year. In the fall, five members participated in our orientation programs offered to groups of new volunteers. The death of our first chairman, Dr. Arthur W. Allen, occurred March 18, 1958. Under his competent guidance a responsive working committee was established. We are fortunate in having Dr. Chester M. Jones as his successor.

As the result of an extensive pilot study on evening volunteer service assisting Nursing Service for the past three years, a progress chart and other pertinent information evolved toward a more effective service. At the invitation of the American Hospital Association, the Director of the Department, Miss Dorris Hamm, senior evening nursing supervisor, and Mrs. Stephen J. Lent, a volunteer, presented this study at an instructional conference on "Pilot Studies for New Volunteer Service", at the 60th Annual Meeting of the Association in Chicago, August 19.

Forty-five volunteers are assisting the Nursing Service with the Children's Recreation program in the daytime and evening. An outstanding contribution to this program is made by Miss Sally Cave, a recent graduate of Briarcliff College, who devotes four days a week to it. Although progress was slow at the start of this program there is definite evidence of accomplishment.

The Artwagon Service sponsored by the Institute of Contemporary Art was inaugurated by the Ladies' Board, a group of members interested in promoting educational projects. This service celebrated its fourth year of activity at the M.G.H. under the skillful leadership of Mrs. William G. Constable. Twenty-five volunteers visited sixteen floors on a rotation plan four times a week, circulating 450-500 pictures during the year.

Six members of the Boston Metropolitan Chapter of the American Red Cross Arts and Skills Service are to be highly commended on the contribution of their service: two spend one morning a week instructing the children in clay modeling and the other four work on the adult units teaching shellcraft and textile painting. A total of 648 patients received this service.

There were four volunteers, recruited from church groups, who received special training from the Chaplain to assist him on the units. Mrs. Alice Morse, an attorney on leave of absence, completed two years of service in the Chaplain's Office performing secretarial duties. Her assistance has been invaluable in deepening and extending the chaplaincy services in the life of the Hospital, and in training seminarians and clergy in clinical pastoral education.

No review of the year's activity would be complete without recognition of the summer volunteers' contribution. Despite the trends of precollege and college students to seek paying positions during the summer months our Department enrolled thirty students who contributed 2,548 hours over a ten-week period. One may ask, "How do you account for the interest of these volunteers?" I think this can be best explained by the following excerpts taken from the service recordings of some of these volunteers: "What impressed me most as a volunteer was the opportunity to develop a feeling of responsibility and vigorous participation which left little time to react with the expected fear of my first volunteer experience. Perhaps this was due in part to a good orientation period and an assignment suited to me." "In concluding my service as a volunteer, I want you to know it has given me a feeling of accomplishment and satisfaction and also the opportunity to contribute a service to the community."

The volunteer workers continue to maintain a spirit of unselfish devotion to others and consider their service a high privilege. Through their service they have won the esteem of all members of the staff.

MARY RUTH WOLF
Director
Volunteer Department

Report of Treadwell Library

A REVIEW of the accomplishments during 1958 reveals that progress has been the keynote of the year in the Treadwell Library. A number of the objectives mentioned in the annual report for 1957 have been attained, others have been partially achieved, while others are still in the planning stage.

The most outstanding event of the year was the observance of the centennial of the acceptance of the Treadwell bequest by the Trustees of the Massachusetts General Hospital. This event, which occurred on March 21, 1958, added 2,500 volumes to the Library and provided the income from $5,000 for its care and growth.

On March 24, 1958, the Boston Chapter of the Special Libraries Association commemorated this occasion by having dinner in the Nurses Cafeteria and meeting in the Ether Dome. Dr. Nathaniel W. Faxon, former Director, spoke entertainingly and informatively about the history of the Hospital, the Ether Dome, and the Treadwell Library. A booklet, describing the history and present facilities and services of the Library, was prepared and distributed to all who attended the House Pupils Reunion and other programs on Ether Day, October 16, 1958. This was later sent to some 1,500 members of the House Pupils Association who did not attend the reunion and to about 500 medical and hospital libraries throughout the world. Approximately sixty librarians joined the Hospital staff and alumni for sherry in the Treadwell Library, luncheon on the Bulfinch lawn, the panel discussion, "Function of the Teaching Hospital", and the Lowell Institute Lecture in the Moseley Rotunda, and the service pin awards in the Warren Lobby. Dr. James H. Means was chairman of the panel composed of Drs. Raymond D. Adams, Walter Bauer, Edward D. Churchill and Dean A. Clark. Dr. Churchill also told the Hospital personnel gathered for the service pin awards something about the history of the Treadwell Library. The Lowell Institute Lecture entitled "The Two Roads—Surgery and Science", was delivered by Dr. Francis D. Moore.

Also, at this time the first Treadwell award in recognition of outstanding contributions in the areas of patient care, teaching, and research was given to Dr. Robert F. Loeb (West Medical

1920), now the Bard Professor of Medicine at Columbia University and Director of the Medical Service, Presbyterian Hospital, New York City.

Selected books by Massachusetts General Hospital authors were placed in the display cases in the brick corridor and a more comprehensive collection was placed in the Library. The display panels in the Library corridor contained books and other material pertaining to Drs. John C. Warren, James Jackson and Jacob Bigelow, the use of ether as an anesthetic, and the history of the Treadwell Library. Bookplates of local interest from the Library's collection were, also, shown. A copy of Good's "Materia Medica Animalia," 1853, and "Catalogue of the Officers and Students and Course of Instruction in the Boylston Medical School," June 1853, were received from the New York Academy of Medicine Library. The Yale Medical Library sent a copy "Some account of the letheon" by Edward Warren, 2d. ed. 1847. The historical items displayed are but a few owned by the Library and it is hoped that more of them may be shared with the users of the Library now that it is possible to display and still protect them.

The realization of most of the plans, as outlined in the 1957 report, for the improvement of the physical facilities in the Treadwell and Cabot Memorial Libraries is another event worthy of note. These improvements were made possible by the allocation of $4,000 from the Research and Teaching Fund and have done much to make the Library a pleasanter and more efficient area in which to work. The addition of new chairs in the reading room and improved lighting in both the reading and stack areas will complete the remodelling.

Another achievement has been the rearrangement of the journal and book collections. The accumulation of unbound duplicate journals was cleared out of the third stack level leaving some free space there. The most recent ten years of each journal is shelved on the first stack level and volumes for previous years are on the second and third stack levels. The titles of all journal holdings together with their location(s) are included in the visible index located on the index table. All books classified according to the Boston Medical Library schedule and, formerly, on the third stack level, are now shelved in the read-

ing room stacks. The classified pamphlets have been filed in vertical files and the classified foreign theses are shelved in proper sequence in the reading room.

A major change in the lending policy was instituted in July, 1958, when all unbound journals for the current year were restricted to library use except in certain cases as described in the library rules issued at the same time.

Inclusion of the holdings of departmental libraries in the card catalog has not yet been accomplished. Also, although Library of Congress cards are being purchased for all currently received books, complete revision of the card catalog has been postponed until cards may be obtained for as many as possible of the books already cataloged. This will be a major project which will require the time of a full-time cataloger as well as allocation of sufficient funds to cover the cost of the cards, a new card catalog file and salary of a librarian.

In December, 1957, the Trustees voted to designate the medical social service library as the Cabot Memorial Room of the Treadwell Library, thus, bringing that library, as well as the Sarah Potter Evarts Memorial Library, under the direction of the Librarian of the Treadwell Library. Book selection, purchases, and preparation of journals for binding are still the responsibility of the Social Service Department and a member of that Department will, henceforth, serve on the Treadwell Library Committee.

In March, 1958, the librarians from Harvard Medical School, Boston Medical Library, Boston University School of Medicine, Tufts University School of Medicine and Treadwell had luncheon at the Boston University Faculty Club. Thus, the informal Boston Medical Librarians group came into being. Since that time the Librarians of the Howe Library, Massachusetts Eye and Ear Infirmary, and of the Massachusetts College of Pharmacy have joined with the others in meeting monthly to discuss mutual problems and to seek means of cooperating in order to obtain better coverage of the medical literature in the Boston area. These meetings have resulted in the increase of the messenger service from tri-weekly to daily (Monday through Friday) and in the inclusion of the Treadwell Library on the Harvard University Library messenger route. A survey of items

borrowed outside the Boston area by all the libraries represented has become the basis of a projected acquisitions program in which the cooperating libraries will each acquire both current and back runs of some of the frequently borrowed items within the scope of their particular collections so that all the libraries in the area may benefit. At present this is still in the planning stage. Methods of compiling a union list of serials held by Boston medical libraries and further improvements in the interlibrary loan service are being studied.

In November, 1957, medical librarians from the New England area met in New Haven to discuss the feasibility of forming a New England Regional Group of the Medical Library Association. There was enthusiastic support for this venture and a steering committee, consisting of a representative from each of the New England states, was appointed. The first annual meeting was held at the Boston Medical Library on December 5-6, 1958. The Librarian was a member of the panel, "Extending medical library resources in New England through interlibrary loan", and Dr. James H. Means was the after dinner speaker at the Harvard Club. His topic was the medical care program in Great Britain.

The Librarian attended the annual meeting and refresher courses of the Medical Library Association in Rochester, Minn., from May 31-June 6, 1958, and the business meeting of the Biological Sciences Division of the Special Libraries Association in Chicago on June 10. During the past year the Librarian has served as chairman of the Committee on Planning and Scope of the Biological Sciences Division of Special Libraries Association and on the program committee and Board of Directors of the Boston Chapter of this organization.

Staff changes during the year included the resignation of Mrs. Anastasia Cakste and her subsequent replacement by Mrs. Miriam R. Lyon. Miss Adele Spiegler left in September to join the Medical Illustration Department of the Jersey City Medical Center and Miss Gertrude Holler of the School of Medical Illustration took over her duties. Miss Eleanore Ashton Lewis was appointed Librarian Emerita in September, 1958.

Mrs. Virginia L. Crowell and Miss Helen Bernice Sweeney, two volunteers, have each completed another year of generously

devoting some time each week to the Treadwell Library projects assigned to them and explained in the 1957 report. Miss Marion Kingman terminated her volunteer work early in January because she took a part-time position elsewhere.

The Librarian acknowledges with sincere appreciation the graciously given advice and help of the members of the Treadwell Library Committee. The monthly meetings of the Committee have done much to encourage the Librarian to continue to work toward the attainment of the improved facilities and services which will make it possible for the Treadwell Library to be a better "member of the team" in the patient care, teaching and research activities of the Massachusetts General Hospital. To Mr. David C. Crockett, Miss Marjorie L. Shea, and Mrs. Elizabeth S. Weiss go special thanks for their help in making the Treadwell Library centennial a reality and a success.

The list of generous contributors of books and journals is too long to include here. To one and all go the sincere thanks of the Librarian, the Library Committee, and the users of the publications. One gift of particular interest is the Audio-Digest Tape recordings in the fields of General Practice, Internal Medicine, Obstetrics and Gynecology, Pediatrics and Surgery donated to the Hospital by the Schering Corporation. These recordings, together with a tape recorder for listening to them, are now in the Librarian's office and may be used there.

The statistics for the year follow:

	1957	*1958*
Number of periodical volumes	11,916	12,285
Number of other volumes	8,587	8,802
Number of volumes discarded	49	3
Number of pamphlets	1,420	1.540
Number of photocopies received from National Library of Medicine and on file	—	275
Number of pages photocopied in the Treadwell	—	2,800
Number of items given to other libraries (approx.)	700	300
Number of periodical subscriptions	237	300
Number of volumes loaned	9,745	9,816
Number of unbound periodicals loaned	2,984	3,421
Total number of loans	12,729	13,237
Number of persons using Library during day	31,023	31,940
Number of persons using Library during evening	4,253	5,736
Total number using the Library	35,276	37,676

GENEVIEVE COLE
Librarian

Dalton Scholarships

THE income of this fund, amounting to $1,000 annually, is devoted to investigation in the science of medicine. The rules of the Trustees applicable to it are as follows:

ARTICLE 1. Candidates shall be nominated to the Board of Trustees by the General Executive Committee with their recommendations. They shall be either interns of the General Hospital or graduates of a regular American medical college.

ARTICLE 2. The nature of the work in medical investigation proposed to be prosecuted by each candidate shall be designated by the candidate.

ARTICLE 3. The dates of beginning and ending scholarships, the amounts of the stipends and the conditions of work shall in each case be recommended by the General Executive Committee to the Board of Trustees.

ARTICLE 4. The results of work of scholars shall appertain to the Hospital, and when made public the name of the scholar shall accompany the publication, but no publication shall be made unless approved by the General Executive Committee.

ARTICLE 5. When the income is insufficient, appointments for the year may be omitted.

ARTICLE 6. Any income not used shall be cumulative and not added to the principal.

ARTICLE 7. Scholars shall be eligible for renomination and reappointment.

Further information may be had by applying to the General Director of the Massachusetts General Hospital.

Warren Triennial Prize

THE Warren Triennial Prize was founded by the late Dr. J. Mason Warren in memory of his father, and his will provides that the accumulated interest of the fund shall be awarded every three years to the author of the best dissertation considered worthy of a premium on some subject in Physiology, Surgery, or Pathological Anatomy, the arbitrators being the General Executive Committee of the Massachusetts General Hospital.

In 1959 the prize will be awarded in the form of a lectureship at the Massachusetts General Hospital. The Warren Prize Lecturer, selected for outstanding work in medical science, will be nominated to the Trustees by the General Executive Committee.

The submission of special theses or essays will no longer be required for this competitive prize.

DEAN A. CLARK, M.D.
General Director

Statistical and Comparative Tables

Statistical and Comparative Tables

TOTAL ACCRUED EXPENSES

	General Hospital	Out-Patient Department	Phillips House	Baker Memorial	Miscellaneous	Total
1949.....	—	—	—	—	—	7,300,335.
1950.....	—	—	—	—	—	7,786,606.
1951.....	2,569,592.	853,238.	811,974.	2,004,082.	2,697,081.	8,935,967.
1952.....	2,810,431.	819,420.	870,212.	2,054,835.	2,731,526.	9,286,424.
1953.....	3,064,151.	887,828.	907,984.	2,084,635.	2,788,945.	9,733,543.
1954.....	3,168,890.	1,012,659.	1,006,092.	2,407,785.	3,229,039.	10,824,465.
1955.....	3,575,242.	1,008,501.	1,042,335.	2,512,596.	3,473,377.	11,612,051.
1956.....	4,261,912.	1,158,356.	1,203,094.	2,770,015.	3,690,189.	13,083,566.
1957.....	4,476,986.	1,334,795.	1,304,260.	2,934,279.	4,518,960.	14,569,280.
1958.....	5,375,433.	1,483,044.	1,523,384.	3,406,112.	2,378,576.*	14,166,549.

TOTAL NET ACCRUED EARNINGS

1949.....	1,195,444.	479,556.	907,691.	1,863,333.	933,339.	5,384,363.
1950.....	1,162,001.	477,294.	992,245.	1,959,196.	1,292,799.	5,883,545.
1951.....	1,319,840.	530,748.	998,282.	2,111,083.	1,648,868.	6,602,821.
1952.....	1,641,270.	575,864.	1,059,098.	2,304,887.	1,360,677.	6,941,796.
1953.....	1,922,424.	599,384.	1,165,987.	2,476,787.	1,410,630.	7,575,212.
1954.....	1,958,527.	648,324.	1,177,469.	2,638,040.	1,512,106.	7,934,466.
1955.....	2,357,868.	645,829.	1,235,431.	2,718,253.	1,700,183.	8,657,564.
1956.....	2,900,094.	659,737.	1,434,467.	2,966,123.	1,762,277.	9,722,698.
1957.....	2,927,985.	792,358.	1,523,634.	3,423,917.	2,155,307.	10,823,201.
1958.....	3,570,656.	864,742.	1,790,032.	3,897,908.	2,401,304.	12,524,642.

* Research Funds excluded.

STATEMENT OF STOCK ON HAND

	Sept. 28, 1958	*Sept. 29, 1957*
Total Stock on Hand September 28, 1958 and September 29, 1957 respectively	$687,084.77	$610,777.72

GENERAL HOSPITAL

	No. Patients Admitted to Wards	Total Patients' Days Treatment	Average Stay in Hospital	No. Operations House Cases
1949.....	7,694	125,830	16+ "	5,259
1950.....	7,370	123,711	17— "	5,413
1951.....	7,232	115,904	16— "	4,885
1952.....	10,547	118,120	11+ "	4,793
1953.....	10,698	127,337	12— "	5,639
1954.....	10,521	127,496	12+ "	7,052
1955.....	11,586	141,585	12+ "	6,868
1956.....	11,083	141,231	13— "	7,225
1957.....	11,734	133,521	12— "	7,745
1958.....	11,890	141,371	12—	6,991

GENERAL STATISTICS

Patients in Hospital:	*Sept. 30 1957*	*Oct. 1 1956*	*Oct. 3 1955*
Medical	223	125	203
Surgical	129	178	169
Children	21	16	33
Total	373	319	405

Patients admitted during year:	*1958*	*1957*
Medical	4,999	4,673
Surgical	6,133	6,392
Children	758	669
Total	11,890	11,734

Patients discharged during year:		
Against advice	6	40
Died	866	778
Otherwise discharged	11,019	10,862
Total	11,890	11,680

Patients' day treatment:

(Reckoned from discharge rates)	*1958*		*1957*	
Paying patients	89,064	(63%)	89,459	(67%)
Part-paying patients	48,066	(34%)	38,721	(29%)
Free patients	4,241	(3%)	5,341	(4%)
Total	141,371	(100%)	133,521	(100%)

	1958	*1957*
Net income, General Hospital	$3,570,656.00	$2,927,984.95
Total number of patient days	141,371	133,521

	1958	*1957*
Average number of patients per day	388	367
Number of beds available	454	454
Percentage of beds occupied	86.9%	83.1%
Autopsies	64%	67%
Per capita earnings (excluding special nurses)	25.26	21.93
Per capita earnings on special fees	11.93	10.65
Per capita cost of foods, patients only	.90	.86

HOUSE PATIENTS

Residences

	1958	*1957*
Boston	4,689	4,687
Metropolitan Boston	5,089	4,815
Massachusetts (except Metropolitan Boston)	1,774	1,855
Outside of Massachusetts	338	377
Total	11,890	11,734

EMERGENCY WARD

	Number of Patients Treated	Average Daily Cost per Patient	Cost of Maintenance	Total Net Receipts
1949	15,822	3.54	56,026.	15,322.
1950	15,335	6.15	94,348.	15,151.
1951	18,449	7.94	146,576.	47,978.
1952	20,243	8.16	165,108.	71,149.
1953	21,231	9.02	191,442.	86,891.
1954	21,216	10.28	218,048.	108,598.
1955	25,027	10.35	258,960.	132,560.
1956	29,144	12.18	355,013.	130,049.
1957	32,036	11.76	376,625.	154,539.
1958	35,041	9.73	340,911.	168,212.

COMBINED CLINICS

	New Cases	Total Number of Visits	Daily Average	Total Number Prescriptions Filled
1949	19,179	206,826	683—	109,050
1950	16,590	195,849	649—	105,031
1951	15,065	183,667	608+	111,125
1952	14,307	177,657	588+	111,959
1953	14,955	176,587	585	114,859
1954	15,226	181,774	602—	121,424
1955	14,577	187,747	622—	126,067
1956	13,079	186,517	618—	127,885
1957	13,173	211,205*	699+	129,179
1958	12,283	216,216*	716—	129,622

	Cost of Combined O. P. D.	M. G. H. Share of Cost	Aver. Daily Cost per Pt. in Comb. Depts.	Total Net Receipts	Aver. Daily Net Receipts	MGH Share of Net Receipts
1949	1,034,253	753,983	5.00	696,044	3.37	479,556
1950	940,238	645,898	4.80	697,505	3.56	477,294
1951	911,217	710,433	4.96	676,259	3.68	441,982
1952	918,728	726,900	5.17	697,498	3.93	484,020
1953	943,852	779,549	5.34	645,901	3.66	489,568
1954	1,069,175	888,492	5.88	671,304	3.69	517,888
1955	1,088,976	889,033	5.80	685,386	3.65	527,948
1956	1,243,689	1,022,144	6.67	673,815	3.61	525,917
1957	1,420,258	1,191,370	6.72	806,433	3.82	651,397
1958	1,565,229	1,327,536	7.24	868,250	4.02	710,984

*Includes Staff and Other — See page 119

	New Patients		Subsequent Visits		* Staff & Other	
	1958	*1957*	*1958*	*1957*	*1958*	*1957*
Admitting Physician	10	199	2,162	2,461	1,033	974
Medicine	1,059	1,404	20,937	19,782	280	367
Alcohol	21	53	869	567	889	256
Allergy	14	5	6,962	7,793	697	694
Anemia	7	8	338	289	12	5
Arthritis	5	19	1,151	1,086	41	176
Diabetes	10	2	2,925	2,244	138	106
Gastro-Intestinal	1	4	1,147	1,090	20	29
Cardiac	15	16	996	1,037	22	29
Hypertension	3	1	483	449	16	4
Nutrition		2	292	329	4,233	4,197
Ovarian Dysfunction	10	6	318	355	17	29
Podiatry	2		997	968	269	269
Pulmonary	14	1	234	308	12	8
Rheumatic Fever	4	5	502	532	9	2
Thyroid	2	9	2,060	2,112	1,008	904
Dermatology	785	724	7,608	7,435	1,150	1,203
Syphilis	46	43	2,620	2,654	351	302
Neurology	256	260	6,462	6,153	170	129
Language	30	3	3,646	2,569	59	102
Psychiatry	266	262	4,021	3,260	261	422
Child Psychiatry	6	27	1,781	2,143	460	681
Children's Medicine	918	1,133	4,966	4,635	149	90
Adolescent Endocrine	22	22	355	354	12	
Surgery	277	376	12,554	13,172	1,366	2,157
Amputation Clinic	35	36	87	81	1	1
Amputation Rounds	12	14	130	103	6	3
Fracture	8	39	3,851	3,958	105	139
Hand	11	6	104	110	58	88
Plastic Surgery	1	2	59	77	5	2
Rectal Surgery	1		179	147	12	42
Vascular Surgery	4	2	456	401	39	35
Gynecology	120	180	2,944	3,065	464	578
Orthopedic Surgery	326	308	7,115	6,342	589	632
Infantile	2	3	281	460	18	5
Scoliosis	1		95	82	6	2
Urology	119	129	4,897	4,456	355	316
Stone		1	147	230	2	3
Dentistry	253	244	3,085	3,414	1,332	1,259
Tumor	187	230	8,725	8,871	833	893
Rehabilitation	7	7	277	73	51	51
General Hospital Clinics	4,870	5,785	118,818	115,647	16,550	17,184
General Hospital Totals	4,870	5,785	118,818	115,647	16,550	17,184
Ear, Nose and Throat	2,843	2,538	22,604	18,969	2,365	2,024
Eye	4,570	4,850	39,310	39,258	4,286	4,950
Eye & Ear Infirmary Totals	7,413	7,388	61,914	58,227	6,651	6,974
Combined Out-Patient Department Totals	12,283	13,173	180,732	173,874	23,201	24,158

	1958	*1957*
Total Attendance	216,216	211,205

* Staff & Other — includes Admitting Physician, Glaucoma and Retina Patients, Clinic Consultations, School of Nursing, Staff and House Patients seen in Clinics not included in census figures prior to October 1, 1956.

PHILLIPS HOUSE

	No. Patients Admitted					Total	Aver. No.	No. of
	Med.	Surg.	Obstet.	Total	†Births	Patients' Days Treatment	Days in Hospital	Operations
1949....	749	1,326	182	2,257	162	27,940	12+	1,327
1950....	909	1,482	97	2,488	83	28,605	11+	1,397
1951....	971	1,395	74	2,440	60	28,362	12—	1,252
1952....	1,084	1,527	21	2,632	18	29,009	10+	1,414
1953....	1,096	1,600	0	2,696	0	30,121	11—	1,414
1954....	1,134	1,482	0	2,616	0	30,736	11+	1,312
1955....	1,168	1,528	0	2,696	0	32,266	11+	1,153
1956....	1,269	1,671	0	2,940	0	36,938	12+	1,251
1957....	1,233	1,645	0	2,878	0	36,909	12+	1,386
1958....	1,406	1,647	0	3,053	0	36,396	12+	1,192

	1958	*1957*
Average number of patients per day	100	101
Number of beds	122	115
Percentage of beds occupied	77.7%	88.5%
Autopsies	83%	69%
Gross per capita earnings, excluding special nurses	49.18	41.28
Net per capita earnings on special fees excluding board and special nurses	16.64	15.03
Per capita cost of raw food, patients only	1.84	1.82

BAKER MEMORIAL

	No. Patients Admitted					Total	Aver. No.	No. of
	Med.	Surg.	Obstet.	Total	†Births	Patients' Days Treatment	Days in Hospital	Operations
1949....	1,475	5,094	543	7,112	446	83,783	11+	5,158
1950....	1,689	5,143	249	7,081	212	86,417	11+	4,967
1951....	1,914	5,121	227	7,262	200	88,826	12+	5,204
1952....	2,007	5,449	164	7,620	139	88,096	11+	5,875
1953....	1,848	5,845	*226	7,919	0	93,496	11+	6,233
1954....	2,144	5,826	*250	8,220	0	98,461	11+	4,765
1955....	2,342	5,753	*285	8,380	0	96,211	11+	4,588
1956....	2,331	5,956	*364	8,651	0	102,484	12—	4,887
1957....	2,459	6,166	*391	9,016	0	102,738	11+	4,954
1958....	2,747	6,181	*368	9,296	0	106,450	11+	4,851

	1958	*1957*
Average number of patients per day	292	282
Number of beds available	311	338
Percentage of beds occupied	91.2%	80.4%
Autopsies	68%	63%
Gross per capita earnings, excluding special nurses	36.62	33.33
Net per capita earnings on special fees excluding board and special nurses	14.06	13.47
Per capita cost of raw food, patients only	1.21	1.12
Average professional fee per patient	119.27	129.61
Average Hospital charge per patient	475.39	442.92
Average Hospital charge per patient, including professional fees, but excluding special nurses	574.77	545.15

*Children's Medical.

†Newborn are not counted as admissions and are therefore not included in census.

BAKER MEMORIAL PATIENTS

Residences	*1958*	*1957*
Boston	1,947	1,946
Massachusetts (except Boston)	6,115	5,890
Maine	184	175
New Hampshire and Vermont	268	271
Rhode Island and Connecticut	345	336
New York	162	151
Other States	201	169
British Provinces	15	7
Other Foreign Countries	59	71
Total	9,296	9,016

Combined Statistics for all Units for 1958

	General Hospital	Baker Memorial	Phillips House	Total
Number of patients admitted	11,890	9,296	3,053	24,239
Number of patient days	141,371	106,450	36,396	284,217
Number of operations	6,991	4,851	1,192	13,034
Average number of patients	388	292	100	780

RADIOLOGICAL DEPARTMENT

General Hospital	*1958*	*1957*
House Patients Examined	16,935	14,859
Out-Patient Department patients examined	17,221	16,240
Emergency Ward patients examined	10,225	9,573
Total number patients examined	44,381	40,672
X-Ray treatments given (Inc. Baker & Phillips House)	14,381	15,166
Number of examinations	61,632	51,525
Total number of examinations and treatments	76,013	66,691
Phillips House		
House patients examined	3,451	3,328
Private patients examined	820	662
Total number patients examined	4,271	3,990
Number of examinations	5,675	5,428
Total number of examinations	5,675	5,428
Baker Memorial		
House patients examined	11,079	10,889
Private patients examined	4,482	3,923
Total number patients examined	15,561	14,812
Number of examinations	19,465	18,610
Total number of examinations	19,465	18,610
Entire Hospital (Combined Statistics)		
Total number patients examined	64,213	59,474
Total number patients treated	1,196	1,306
Total number patients examined and treated	65,409	60,780
Total number examinations	86,772	75,563
Total number treatments and observations	16,156	16,940
Total number of radium & isotopes treatments	285	194
Total number examinations, treatments and observations, radium & isotopes	103,213	92,697

Radium Therapy

Treatments given:	*1958*	*1957*
General Hospital (including Eye and Ear Infirmary)	135	126
Phillips House	16	14
Baker Memorial	134	54
Total number treatments given	285	194

PHYSICAL MEDICINE DEPARTMENT

Physical Therapy

Treatments given:	*1958*	*1957*
Out-Patient Department	2,134	1,847
General Hospital (including Eye and Ear Infirmary)	13,045	12,696
Phillips House	1,859	1,311
Baker Memorial	5,293	3,875
Private ambulatory patients	3,488	3,238
Total treatments given	25,819	22,967

Occupational Therapy

Treatments given:	*1958*	*1957*
Out-Patient Department	586	358
General Hospital	10,378	9,879
Phillips House	115	185
Baker Memorial	927	868
Private ambulatory patients	280	451
Total Treatments given	12,286	11,741

NURSING DEPARTMENT

	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958
Average No. of Graduates on General Hospital Staff	181	195	195	213	203	220	187	194	190	254
Average No. of Graduates on School of Nursing Staff							42	41	44	46
Average No. of Graduates on Baker Memorial Staff	94	97	86	79	74	80	60	58	60	78
Average No. of Graduates on Phillips House Staff	61	57	56	56	54	55	55	58	62	76
Average No. Accepted Pupils	214	268	292	293	286	282	286	279	267	296
Average No. Preclinical Students	76	75	87	93	83	71	72	68	74	77
Average Total	626	692	716	734	700	708	625	698	697	827
Total No. Preclinical Students Admitted	138	140	158	150	133	143	139	125	186	135
Preclinical Students Dropped and Resigned	20	19	27	19	20	28	21	12	14	6
Accepted Pupils Dropped and Resigned	4	4	21	20	14	6	14	16	18	20
Total Dropped and Resigned	24	23	48	39	34	34	35	28	32	26
Average No. of Graduates on General Hospital Staff—*Part time	15	14	11	7	8	11	11	20	17	18
Average No. of Graduates on Baker Memorial Staff—*Part time	9	6	4	8	5	12	8	10	5	5
Average No. of Graduates on Phillips House Staff—*Part time	8	7	6	3	4	6	9	9	11	5
Total *Part time graduates	32	27	21	18	17	29	28	39	33	28

*Part time nurses expressed in equivalent of full time.

MASSACHUSETTS GENERAL HOSPITAL

Combined In-Patient Care Income and Cost per Day

	1958	*1957*
Total Number of In-Patient Days	284,217	273,168
Total Income	$12,505,140	$10,823,200.79
Deduct Non In-Patient Income:		
Other Income	2,190,245	2,321,040.36
Out-Patient Department	633,924	536,981.70
Emergency Ward	116,669	116,459.08
Private Ambulatory	222,187	182,980.86
	3,163,025	3,157,462.00
Total In-Patient Income	$9,342,115	$7,665,738.79
Income Per In-Patient Day	$32.87	$28.06
Total Expenses	$16,769,125	$14,569,279.67
Deduct Non In-Patient Expense:		
Non-Operating & Research	3,179,135	2,808,306.48
Non-Patient	1,393,644	1,324,764.77
Out-Patient Department	1,327,536	1,191,370.21
Emergency Ward	340,911	376,625.99
Private Ambulatory	202,970	152,687.11
	6,444,196	5,853,754.56
Total In-Patient Expense	$10,324,929	$8,715,525.11
Cost Per In-Patient Day	$36.33	$31.91

TABLE OF ADMISSIONS, DISCHARGES, AND RESULTS, AT THE GENERAL HOSPITAL, PHILLIPS HOUSE AND THE BAKER MEMORIAL FROM JANUARY 1, 1949 TO SEPTEMBER 28, 1958

	General Hospital												Out-Patient Department		Phillips House						The Baker Memorial						
		Patients Admitted					Deaths									Deaths						Deaths					
Year	Total Admitted	Paying Board Full Time	Paying Board Part Time	Free	Number Pay Days Treatment	Number Free Days Treatment	Total Number	Percentage of Total Admitted	Highest Daily Census	Lowest Daily Census	Average		New Patients	Visits	Admissions	Total Number	Percentage of Total Admitted	Highest Daily Census	Lowest Daily Census	Average	Admissions	Total Number	Percentage of Total Admitted	Highest Daily Census	Lowest Daily Census	Average	
1949	7,694	5,262	1,823	609	62,819	64,011	468	6.51	395	231	348+		19,179	206,826	2,257	55	2.44	95	40	77 −	7,112	181	2.54	300	126	230+	
1950	7,370	5,338	1,629	403	108,163	14,095	481	6.52	381	238	340 −		16,590	195,849	2,494	72	2.88	76	37	79 −	7,190	202	2.81	283	151	248++	
1951	7,232	5,072	1,873	377	103,203	12,701	514	7.10	367	204	291+		15,065	183,667	2,440	66	2.78	100	41	78 −	7,262	199	2.74	302	146	244++	
1952	10,547	6,961	2,953	633	111,033	7,087	530	5.02	380	227	325 −		14,307	177,657	2,632	88	3.34	103	45	80 −	7,620	194	2.54	300	145	242++	
1953	10,698	6,954	3,209	535	120,970	6,367	597	5.06	397	227	350 −		14,955	176,587	2,696	86	3.19	107	51	83 −	7,919	206	2.60	323	168	256++	
1954	10,521	6,628	3,577	316	100,765	3,825	585	5.56	427	259	350+		15,226	181,774	2,616	76	2.90	112	47	84+	8,220	194	2.36	323	190	273++	
1955	11,586	7,299	3,823	464	89,199	5,663	680	5.86	466	306	389 −		14,577	173,170	2,697	74	2.74	120	55	88+	8,390	243	2.89	350	176	264++	
1956	11,083	7,647	2,992	443	97,449	5,649	671	6.04	466	260	390+		13,079	186,517	2,940	81	2.75	123	42	95++	8,651	221	2.55	350	183	281++	
1957	11,734	8,242	3,018	474	89,459	5,341	778	6.63	419	260	367 −		13,173	211,205	2,878	75	2.96	123	56	98+	9,086	268	2.94	352	171	282++	
1958	11,890	7,491	4,043	356	89,064	4,241	866	7.28	460	273	384+		12,283	216,216	3,053	93	3.05	135	59	92 −	9,296	279	3.00	366	158	292+	

Total number of patients admitted to General Hospital from the year 1821 — 549,762
" " " " " " Phillips House " " " 1917 — 95,102
" " " " " " Baker Memorial " " " 1930 — 188,489

833,353

MASSACHUSETTS GENERAL HOSPITAL — INCOME STATEMENT
THIRTEEN PERIODS ENDING SEPTEMBER 29, 1958

Gross Earnings at Standard Rate	Total 1957	Total 1958	Phillips House	Baker Memorial	General Hospital	General Hospital O.P.D.	Emergency Ward Treatment	Private Ambulatory	Other
Day Rate Service	$6,122,566.31	$7,282,941.54	$1,209,303.34	$2,727,439.50	$3,276,381.99	.....	.....	.....	69,816.71
Out Patient Adm. Fees	421,018.12	500,914.86	.....	.....	.....	500,914.86	.....	.....	.....
Emergency Ward Fees	106,853.15	102,778.50	.....	.....	.....	.....	102,778.50	.....	.....
Operating Room	901,307.77	978,636.26	130,011.93	437,060.67	401,683.41	567.00	983.05	8,250.20	80.00
Anesthesia	424,530.58	428,736.85	70,644.50	213,883.75	141,379.85	219.75	1,448.75	1,143.75	16.50
Radiology—Diagnosis	787,265.99	835,268.90	128,503.06	214,887.25	244,506.00	133,640.70	53,533.50	53,793.39	6,405.00
Radiology—Therapy	97,846.37	106,967.90	13,720.00	17,636.00	6,360.00	20,499.05	.....	45,085.35	3,667.50
Laboratories	787,505.29	997,282.22	134,942.10	266,127.60	339,595.11	75,263.45	26,519.30	97,124.31	57,710.35
Basal Metabolism	11,334.60	8,861.65	1,082.50	1,108.00	504.00	5,353.15	.....	811.00	3.00
E K G	55,685.45	63,422.35	6,590.75	10,117.25	33,499.50	6,200.95	3,812.50	2,062.75	1,138.65
Blood Bank	221,579.15	283,681.14	36,997.85	97,028.33	129,972.82	66.50	4,245.50	.....	15,370.14
Physical Therapy	79,777.69	94,856.91	7,957.00	25,626.50	37,906.35	5,470.80	.....	17,365.50	530.76
Occupational Therapy	6,457.91	13,071.23	174.20	2,702.85	9,106.65	771.20	.....	316.00	.33
Purchased Service	11,788.42	17,154.15	645.06	3,153.10	11,562.39	472.50	1,281.10	40.00	.....
Oxygen Therapy	67,454.15	80,783.68	9,947.69	29,003.00	41,500.99	.....	.....	.....	332.00
Intravenous Therapy	126,071.90	45,790.63	3,256.90	15,882.71	23,506.49	16.70	7.75	.....	3,120.08
Central Supply Room	30,267.36	126,154.12	12,501.90	42,042.00	70,098.00	6.00	76.00	.....	1,430.22
Pharmacy	551,987.10	824,041.77	42,408.09	135,677.83	298,642.25	212,987.24	301.50	10.45	134,014.41
Total Earnings from Services to Patients	10,811,297.31	12,791,344.66	1,808,686.87	4,239,376.34	5,066,205.80	962,449.85	194,987.45	226,002.70	293,635.65
Deductions from Earnings Charity Allowances	1,191,179.65	1,270,744.16	12,995.09	26,501.41	853,038.21	303,391.86	73,577.34	1,240.25	.....
Other Rebates and Losses	672,455.01	751,233.21	29,188.87	213,891.44	478,964.47	24,442.19	4,741.24	5.00	.....
Provision for Doubtful Accounts	445,502.22	454,471.46	4,304.41	70,785.73	375,284.59	692.20	.....	2,570.00	834.53
Total Deductions	2,309,136.88	2,476,448.83	46,488.37	311,178.58	1,707,287.27	328,526.25	78,318.58	3,815.25	834.53
Net Earnings from Services to Patients	8,502,160.43	10,314,895.83	1,762,198.50	3,928,197.76	3,358,918.53	633,923.60	116,668.87	222,187.45	292,801.12
Dietary	315,075.16	328,621.65	.....	.....	.....	.....	.....	.....	.....
Miscellaneous Income	2,005,965.20	1,861,622.29	.....	.....	.....	.....	.....	.....	.....
Total Hospital Earnings	10,823,200.79	12,505,139.77	.....	.....	.....	.....	.....	.....	.....

MASSACHUSETTS GENERAL HOSPITAL

Income and Expense Statement

Summary

Operating Income	*Total 1958*	*Total 1957*
Earnings from services to patients		
Private Patients	$1,808,687	$1,649,695.00
Semi-Private Patients	4,239,376	3,734,475.63
Ward Patients	5,066,206	4,187,365.81
Out-Patient Department	962,450	861,245.43
Private Ambulatory	226,003	207,189.19
Emergency Ward	194,987	171,326.25
Other	293,636	.00
Total Earnings From Services to Patients	$12,791,345	$10,811,297.31
Less:—Deductions from earnings:		
Charity Allowances	$1,270,744	$1,191,179.65
Other Rebates and Losses	751,233	672,455.01
Net Provision for Doubtful Accounts	454,471	445,502.22
Total Deductions from Earnings	$2,476,448	$2,309,136.88
Net Earnings From Services to Patients	10,314,897	8,502,160.43
Other Income	2,209,746	2,321,040.36
Total Income	$12,524,643	$10,823,200.79
Operating Expenses		
Professional Care of Patients	$9,910,052	$8,551,299.05
Dietary Expenses	1,388,584	1,283,738.41
Housekeeping	576,308	515,424.65
Laundry & Linen	252,545	213,846.89
Plant Operation & Maintenance	1,668,826	1,255,694.19
Other Non-Patient Expenses	328,254	416,735.64
Total Operating Expenses	$14,124,569	$12,236,738.83
Net Operating Deficit	1,599,926	1,413,538.04
Add:—Non-Operating & Research Expenses	2,644,555	2,332,540.84
Net Deficit	4,244,481	3,746.078.88
Available From Treasurer For Expenses At Hospital	4,061,504	3,701,954.92
Final Deficit—Withdrawn From General Fund Principal	$ 182,977	$ 44,123.96

MASSACHUSETTS GENERAL HOSPITAL

STATEMENT OF STOCK ON HAND SEPTEMBER, 28, 1958 AND SEPTEMBER 29, 1957

	Sept. 28, 1958	*Sept. 29, 1957*
General Hospital Apothecary Out-Patient Department Apothecary	$385,702.93	$315,234.80
General Hospital Upper Store	128,644.86	104,478.33
General Hospital Lower Store	36,538.23	41,507.81
General Hospital Maintenance	76,876.04	87,094.16
General Hospital Postage	649.43	832.35
General Hospital Print Shop	6,927.44	3,237.84
Other	51,745.84	58,392.43
Total Stock on Hand	$687,084.77	$610,777.72

Report of the Treasurer

In accordance with Article 5 of the By-Laws, the Annual Report of the Treasurer for the fiscal year ending September 30, 1958, approved by Patterson, Teele & Dennis, Auditors, is respectfully submitted.

THE MASSACHUSETTS GENERAL HOSPITAL
CONDENSED YEAR-END BALANCE SHEET

	Sept. 30, 1958	*Sept. 30, 1957*
ASSETS		
CASH	$ 2,676,362.88	$ 2,565,507.02
INVESTMENTS		
Bonds	13,244,053.24	12,245,075.98
Stocks	12,750,924.90	12,534,886.34
Notes and Commercial Paper	1,828,777.20	1,859,217.34
Real Estate	258,309.75	212,594.65
NOTES RECEIVABLE	180,645.15	152,625.00
ACCOUNTS RECEIVABLE — PATIENTS AND OTHERS (Less Reserve for Bad Debts)	2,843,399.33	2,342,656.58
INVENTORIES OF SUPPLIES — AT ESTIMATED COST	744,738.81	652,137.73
PREPAID ITEMS	53,554.01	27,613.90
INTEREST IN MISCELLANEOUS ASSETS	9.00	9.00
PLANT (Less Provision for Depreciation)	20,706,795.64	16,800,449.85
CONSTRUCTION ACCOUNTS	254,455.52	4,409,289.08
DEFERRED CHARGES — REPAIRS	35,640.30	
	$55,577,665.73	$53,802,062.47
LIABILITIES		
ACCOUNTS PAYABLE AND ACCRUALS	$ 536,470.99	$ 554,964.34
PENSION RESERVES	211,483.35	163,675.61
W.C.A. RESERVE	9,977.51	
GENERAL FUND		
Treasurer's Account	476,634.73	145,166.57
Director's Account	3,006,471.85	2,378,744.89
GENERAL HOSPITAL ENDOWMENT FUNDS		
Unrestricted as to Income	4,816,338.22	4,720,934.15
Restricted as to Income	15,147,541.60	14,887,864.92
McLEAN HOSPITAL FUNDS		
General Fund		
Treasurer's Account	(55,911.50)	119,113.68
Director's Account	250,205.72	223,492.61
Endowment Funds	702,858.06	692,710.83
BUILDING FUNDS	793,204.66	5,070,707.76
FIDUCIARY FUNDS	394,790.77	372,737.61
FUNDS INVESTED IN PLANT	20,706,795.64	16,800,449.85
TEMPORARY FUNDS		
General Hospital	2,256,835.40	2,424,374.88
McLean Hospital	283,263.61	326,666.45
Fiduciary	7,461.11	5,074.30
GENERAL INVESTMENT PROFIT AND LOSS ACCOUNT	6,033,244.01	4,915,384.02
	$55,577,665.73	$53,802,062.47

( ) Denotes red figures

THE MASSACHUSETTS GENERAL HOSPITAL

GENERAL HOSPITAL

CONDENSED INCOME STATEMENT

(for fiscal year ending Sept. 30)

	1957-8	*1956-7*
TREASURER'S RECEIPTS		
GIFTS		
Unrestricted	$ 230,473.00	$ 197,117.25
Annual Free Beds	2,955.00	5,153.65
Restricted	2,194,730.55	2,230,804.62
	$2,428,158.55*	$2,433,075.52*
INCOME FROM INVESTMENTS		
Unrestricted	$ 325,710.55	$ 329,774.77
Restricted	971,137.86	963,910.64
	$1,296,848.41	$1,293,685.41
OTHER INCOME		
From Trusts and Agents	$ 7,824.97	$ 7,320.17
Contributions for Connecting Building	12,013.00	15,613.00
Huntington Memorial Hospital	18,509.90	16,718.68
Miscellaneous	387,688.56	0
	$ 426,036.43	$ 39,651.85
TOTAL	$4,151,043.39	$3,766,412.78
PAYMENTS FROM INCOME		
Added to Principal	$ 45,563.97	$ 39,406.48
Payments to Life Interests	0	130.67
Treasurer's Payments From Funds and Miscellaneous	43,975.22	24,920.71
Provision for Depreciation	753,990.13**	614,773.45**
	$ 843,529.32	$ 679,231.31
TREASURER'S BALANCE—AVAILABLE FOR EXPENSES AT HOSPITAL	$3,307,514.07	$3,087,181.47
HOSPITAL EXCESS OF EXPENSES	4,244,482.11	3,746,078.88
	$ 936,968.04	$ 658,897.41
CHARGED TO PLANT CAPITAL-DEPRECIATION	753,990.13	614,773.45
DEFICIT WITHDRAWN FROM GENERAL FUND PRINCIPAL	$ 182,977.91	$ 44,123.96

* Includes United Community Services Allocation of $213,463.00 for 1957-8 and $182,499.00 in 1956-7.

** Provision for Depreciation based on allowable amount under certain third party reimbursements.

THE MASSACHUSETTS GENERAL HOSPITAL

McLEAN HOSPITAL
CONDENSED INCOME STATEMENT
(for fiscal year ending Sept. 30)

	1957-8	*1956-7*
TREASURER'S RECEIPTS		
GIFTS		
Unrestricted	$ 0	$ 510.00
Restricted	138,713.76	62,707.72
	$138,713.76	$ 63,217.72
INCOME FROM INVESTMENTS		
Unrestricted	$ 19,741.11	$ 19,666.32
Restricted	37,956.92	35,345.01
	$ 57,689.03	$ 55,011.33
OTHER INCOME		
From Trusts and Agents	$ 4,823.33	$ 4,295.00
TOTAL	$201,235.12	$122,524.05
PAYMENTS FROM INCOME		
Added to Principal	$ 97.23	$ 93.44
Expenses Paid from Funds	4,766.32	2,035.00
	$ 4,863.55	$ 2,128.44
TREASURER'S NET RECEIPTS	$196,371.57	$120,395.61
HOSPITAL EXCESS OF EXPENSES	348,954.45	118,177.34
PROFIT — ADDED TO FUNDS		$ 2,218.27
DEFICIT—WITHDRAWN FROM FUNDS	$152,582.88	

GENERAL FUND

	Income	Principal
FOR ANY HOSPITAL PURPOSE		$476,634.73

GENERAL HOSPITAL FUNDS

	Income	Principal
FLORENCE M. AGOOS MEMORIAL FUND For developing and furthering medical research and scientific medical knowledge through research and teaching. Bequest of Solomon Agoos		$10,000.00
PHILIP R. AND ANNE L. ALLEN ENDOWMENT FUND Income for any Hospital Purpose.		11,494.76
ANESTHESIA FUND Income to be used to supply laboratory facilities or such other advantages as the Trustees may determine for the Chief of the Anesthesia Department.		33,546.37
MARTHA B. ANGELL FUND For medical and surgical experimentation on animals to the end of saving human lives.		34,040.82
ARCHIVES, PICTURES AND HISTORICAL RELICS FUND "The income of which shall be used for the continuous and better care of hospital archives, pictures and historical relics pertaining to both the General Hospital and the McLean Hospital."	$ 2,634.62	8,051.00
JOHN ASHTON FUND For diseased and wounded soldiers.		27,872.55
THE JOSEPH C. AUB FUND Income to be spent for Cancer Investigation.	966.20	16,949.17
BAKER MEMORIAL FUND For the Baker Memorial. Sundry Bequests.		104,108.78
BAKER MEMORIAL ASSISTANCE FUND Income to help pay the hospital expenses of such individual patients of small means as are believed to have incurred hospital expenses greater than they anticipated at the time of entering the Hospital,—but not limited to such cases. Disbursements to be made on recommendation of staff member in charge of patient approved by Committee designated in will. Income may also be used to purchase apparatus suitable for handling fractures and operations. Bequest of Miss Carrie M. Jameson $5,601.20 Sundry Gifts 320.00	2,186.93	5,921.20
Carried forward	$5,787.75	$ 251,984.65

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$5,787.75	$ 251,984.65
LILLIAN DOBIE BALBONI MEMORIAL FUND Income for a Free Bed or for any other purpose the Trustees of the Hospital may think best. Sundry Gifts.		35,284.17
ARTHUR W. BLAKE FUND Income for the study and cure of nervous diseases.	–465.26	25,000.00
GEORGE WASHINGTON WALES BREWSTER MEMORIAL FUND Income for any Hospital purpose. Bequest of Mrs. George W. W. Brewster $5,000.00 Sundry Gifts 1,289.02		6,289.02
ANNIE BOLTON MATTHEWS BRYANT FUND Income for the benefit of people with moderate means for the establishment of free beds if the management believes it advisable, otherwise for general use.		72,093.70
ARTHUR TRACY CABOT FUND Income for support of laboratories.		20,000.00
RICHARD C. CABOT FUND For educational purposes in connection with the work of the Social Service Department.		47,655.02
RICHARD C. CABOT MEDICAL SOCIAL LIBRARY FUND Income "to be used for the purchase of books for the Social Service Library under the direction of Chief of Social Service." Gift of American Association of Hospital Social Workers.	1.98	1,010.00
SAMUEL CABOT FUND FOR PATHOLOGICAL INVESTIGATION Income for salary of Surgical Pathologist. Gift of Samuel and Dr. Arthur T. Cabot.		10,000.00
MASSACHUSETTS GENERAL HOSPITAL CHAPEL FUND Gifts of "Friends of the Hospital".	2,170.56	6,913.48
MASSACHUSETTS GENERAL HOSPITAL ENDOWMENT FUND FOR THE STUDY OF CHRONIC DISEASES Income for research work under the direction of Dr. Walter Bauer. Principal may be expended with the approval of Dr. Bauer up to $50,000.		587,990.60
CLINICAL LABORATORY FUND Income for Clinical Laboratory. Bequest of Mrs. Grace M. Kuhn.		10,000.00
Carried forward	$7,495.03	$1,074,220.64

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$7,495.03	$1,074,220.64
CONNECTING BUILDING FUND Income for Connecting Building.		10,000.00
CONVALESCENT HOSPITAL FUND For the Convalescent Hospital	–66,662.12	504,225.13
THE CUSHMAN FUND Income for the Social Service of the Hospital. Gift of Mrs. Charles F. Cushman.	532.37	5,000.00
MIRIAM F. AND ADELINE F. CUTTER FUND "To be used for women in illness especially the aged who have been accustomed to gentle care."	631.51	10,000.00
CAROLINE ENGSTROM DAHL FUND Income to be used for maintenance of the Research Building; principal expendable within the intent of the bequest at the discretion of the Trustees. Bequest of Mr. Richard Engstrom.		101,170.00
JOHN CALL DALTON AND EDWARD BARRY DALTON FUND Income for investigation in the science of medicine.	7,047.94	35,500.00
CHESTER H. DAVIS FUND Income for "the care, maintenance and medical treatment of crippled and deformed white children between the ages of six months and ten years."		20,000.00
DR. WALTER J. DODD MEMORIAL FUND Income for X-Ray investigation.	1,473.81	31,747.91
THE BESSIE ROCHESTER EDWARDS MEMORIAL FUND Income for the care and treatment of men who have served or are serving in the armed forces of the United States of America. Gifts of Trustees of The Bessie Rochester Edwards Memorial Foundation ..... $55,914.20 Disabled Ex-Servicemen's Exchange, Inc. 10,250.16	2,666.26	66,164.36
EDWARDS MEMORIAL FUND Until such time as the Trustees of the Hospital shall direct otherwise, the income on $100,000 to be used in such manner as said Trustees may deem proper for medical or surgical research. Bequest of Miss Grace M. Edwards ..... 391,447.56 Sundry Bequests 100.00		391,547.56
Carried forward	–$46,815.20	$2,249,575.60

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	−$46,815.20	$2,249,575.60
JOHN W. ELLIOT FUND Income for investigation in the science of medicine, preferably in the Surgical Department. The income may be used for other purposes in case there is no further demand in this direction.	1,613.38	20,114.22
ISABELLA H. ELLISON FUND Income for the general purposes of the Baker Memorial.		89,753.16
SARAH POTTER EVARTS FUND For psychiatric social work. Gifts of Mrs. Prescott Evarts and Dr. Helen W. Evarts.	296.19	1,398.42
FRANCES FAY AND ARTHUR KELSEY FAY MEMORIAL FUND Income primarily for care and treatment of persons suffering from or threatened with chronic epilepsy in cases requiring special study. Gift and bequest of James H. Fay.	1,338.96	25,000.00
FREE BED FUNDS Income for Free Beds. Sundry Gifts and Bequests.	8,481.14	4,393,674.60
GENERAL SURGERY FUND Income to be used for general surgery purposes under the direction of the Chief of General Surgery. Principal expendable in need.	2,469.57	33,076.55
MRS. JOHN CHIPMAN GRAY FUND For the purchase of books in foreign languages for the use of patients.	725.31	1,000.00
ALLAN W. HAMILTON FUND For medical services in the Outpatient Department.		2,027.03
ABIGAIL R. HAZELTINE FUND Income unrestricted until the establishment of a cancer or incurable ward, then to the maintenance of same; principal may be applied toward a building for this purpose. Bequest of Miss Harriet S. Hazeltine.		10,000.00
THE WILLIAM HILTON FUND "To be invested as a separate fund, and called 'The William Hilton Fund,' the income thereof to be applied for the support of free beds or otherwise, as the trustees shall from time to time deem best, for the poor suffering from disease or injuries."		50,053.58
CHARLES W. HOLTZER FUND Income for general research work.		41,666.67
Carried forward	−$31,890.65	$6,917,339.83

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	−$31,890.65	$6,917,339.83
INCOME UNRESTRICTED FUNDS Income for any Hospital purpose. Sundry Gifts and Bequests.		4,159,472.08
JAMES MARSH JACKSON MEMORIAL FUND Income for occupational work or for general purposes. Gift through Trustees of the James Marsh Jackson Memorial Fund.		25,797.20
DANIEL FISKE JONES MEMORIAL FUND Income to extend and improve the education of surgical residents and interns.	1,214.17	11,650.00
CATHERINE PEIRCE KELLEY FUND Income for support and maintenance of a Free Bed for Women . . . aiding those who are most in need of aid. Bequest of Miss Grace Fletcher Kelley.		44,000.00
MARGERY AMORY KETCHUM MEMORIAL FUND Income only to be spent on Cancer Research u/d of Dr. Joseph C. Aub so long as he is actively connected with the Hospital; thereafter for cancer research at the discretion of the Trustees. Sundry Gifts.	3,496.68	17,470.00
EMMA GILDERSLEEVE LANE FUND For cancer research, "preferring but not requiring that this legacy be kept as capital and only its income used for research in cancer."	460.63	20,000.00
THE MALLINCKRODT FUND Income only to be used for the support of the Mallinckrodt Ward (Ward 4) with limited discretion to the Trustees in case this support is no longer needed.		234,507.50
THE FRANCIS COGSWELL MANNING FUND Income for research work under the direction of Chief of the Medical Service. Bequest of Mrs. Annie F. Selfridge $10,000.00 Sundry Gifts 190.00	940.94	10,190.00
THE CAPTAIN MARTELL FUND "The interest to be used for the annual purchase of a book or books for the Warren Library, these books to be seafaring stories with the story of Captain Martell pasted on the inside cover of each one."	60.71	121.36
MASSACHUSETTS GENERAL HOSPITAL 150TH ANNIVERSAY FUND		−12,319.07
Carried forward	−$25,717.52	$11,428,228.90

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	−$25,717.52	$11,428,228.90
MASSACHUSETTS GENERAL HOSPITAL SCHOOL OF NURSING GRADUATE NURSES SCHOLARSHIP FUND Income for Graduate Nurse Scholarships Gift of Miss Annabella McCrae	147.08	500.75
JAMES HOWARD MEANS FUND	68.77	6,485.00
JAMES C. MELVIN FUND Subject to certain annuities, income for any purpose of the Corporation, with nonobligatory suggestion for increasing medical knowledge, assisting persons particularly the young who have had hospital treatment, bettering treatment in country districts and co-operating with the Trustees under the Will of James C. Melvin. Bequest of Mrs. Clara M. Melvin.	.01	671,811.13
MEMORIAL FUND TO THE DOCTORS AND NURSES WHO DIED IN THE WAR OF 1917-18 Income for the general purposes of the Hospital, but preferably for free care of patients. Gift of Base Hospital No. 6 Fund through the Ladies' Visiting Committee.		6,189.47
ALBERT G. MITCHELL FREE BED FUND Income for the treatment of cancer with nonobligatory suggestion that use of the bed be given to members of the Department of Music in the Boston Public Schools, or otherwise for the use of the teachers of said schools. Bequest of Albert G. Mitchell $4,055.53 Sundry Gift 25.00		4,080.53
THE MIXTER FUND ". . . the income only to be expended under the direction of Dr. W. Jason Mixter, during his life, and thereafter by the Chief of the Neurosurgical Service." Sundry Gifts.	7,094.17	52,128.82
FORRIS JEWETT MOORE AND EMMA BAKER MOORE FUND Income for Hospital uses for the alleviation of human suffering.		76,143.32
FANNIE EDSON MORRISON FUND "Income . . . for the support of the Social Service Department."		711,320.97
FRANCIS A. NEWELL ENDOWMENT FUND Income to be used "for the most approved method of treating hip disease due to accident in indigent children."	−3,576.42	50,000.00
Carried forward	−$21,983.91	$13,006,888.89

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	–$21,983.91	$13,006,888.89
NORTH END DIET KITCHEN RESTRICTED FUNDS "Income to provide diet for the sick poor." Sundry Gifts and Bequests.		11,366.78
NORTH END DIET KITCHEN UNRESTRICTED FUNDS "To provide diet for the sick poor." Sundry Gifts and Bequests.		34,716.65
FLORENCE NUTE FUND To be "used on behalf of patients with slender or no means with which to meet Hospital expenses." Bequest of Lewis W. Nute.		68,278.57
ORTHOPEDIC RESEARCH FUND	10.77	500.00
DR. ALICE IRENE OUTHOUSE MEMORIAL FUND Income to be used for the purchase of pediatric literature for the Treadwell Library. Sundry Gifts.	55.18	530.00
OUTPATIENT DEPARTMENT FUND Income for needy patients. Bequest of Miss Louie Long.	–30.00	3,428.71
EMERETTE O. PATCH FUND For the use of the Baker Memorial.		8,240.84
PATHOLOGICAL LABORATORY AND RANDALL FUNDS Income for Pathological Laboratory. Sundry Gifts and Bequests.		83,875.41
JACOB C. R. PEABODY AND ELSA MASON LORD PEABODY MEMORIAL FUND Income for the Phillips House. Bequest of Mrs. Elsa Mason Lord Peabody.	16,456.19	35,165.40
PHILLIPS HOUSE NURSES LOAN FUND Income for loans to Phillips House nurses. Sundry Gifts.	1,663.79	2,190.00
MARY GOVE PITMAN FUND FOR UROLOGICAL RESEARCH Income for investigation— *First*: Of the cause, treatment and prevention of recurrence of urinary stones, and *Second*: Of any other pathological or physiological problems encountered in urological surgery which are deemed worthy of investigation, the decision as to their importance to be made by a Committee appointed by the Trustees of the Hospital.		21,051.38
Carried forward	–$3,827.98	$13,276,232.63

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	–$3,827.98	$13,276,232.63
NEAL RANTOUL FUND Income for any Hospital purpose. Gift of Neal Rantoul.		100,000.00
JOHN REDMAN FUND Income for any purpose except erection or repairs of buildings.		455,113.34
RESEARCH AND TEACHING FUND Income for research and teaching.		143,136.12
EDWARD PEIRSON RICHARDSON LECTURESHIP IN MEDICAL SCIENCE "The income to be used to provide honoraria for lectures by visiting scientists, preferably in subjects relating to surgery —" Gifts of Dr. Richardson's Sons in Memory of their Father.	4,005.81	15,000.00
JOHN FYFFE RICHARDSON MEMORIAL FUND Income only to be spent by the Trustees on recommendation of the Chief of the Huntington Memorial Laboratories or the senior cancer investigator preferably for leukemia research or related areas of cancer research. 5% of income to be added to principal each year until the fund reaches $400,000.	3,102.62	27,761.22
MAURICE HOWE RICHARDSON FUND Income for surgical research, as recommended by the Chiefs of the General Surgical Staff. Gifts of Dr. Daniel Fiske Jones ..... $25,200.00 Dr. Edward P. Richardson .... 5,000.00 Mrs. Maurice Howe Richardson ..... 5,000.00 Sundry Gifts 5,200.00	9,196.07	40,400.00
RICHARDSON TUBERCULOSIS FUND "For the prevention or cure of tuberculosis." Bequest of Mrs. Mary Rich Richardson		276,141.63
RUSSELL ROBB MEMORIAL FUND Income for the general purposes of the Hospital.		10,000.00
ELSIE M. ROBBINS SOCIAL SERVICE FUND For social service purposes in the Arthritis Clinic.		10,821.90
WILLIAM MILTON ROSE, M.D., MEMORIAL FUND Income for the benefit of worthy needy persons.	2,144.45	44,766.46
MARY ELIZABETH SALTONSTALL FUND Income for the Social Service of the Hospital, "preference being given for the help and care of little children". Bequest of Philip L. Saltonstall.		5,000.00
Carried forward	$14,620.97	$14,404,373.30

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$14,620.97	$14,404,373.30
MARTHA A. SARGENT FREE BED FUND Income for Free Beds in the Women's Department. Bequest of William A. Sargent.		1,042,816.18
THE CHARLES L. SCUDDER FUND Income for the Fracture Service. Bequest of Miss Elizabeth M. Garritt.	4,597.01	30,000.00
GEORGE C. AND ANNE H. SHATTUCK FUND Income for music at the General Hospital annually on Christmas Day and Easter Sunday. Surplus income may be used for music on other days, including radio. Gift of Dr. Frederick C. Shattuck.	433.11	2,000.00
THE TERRY SHUMAN MEMORIAL FUND Income for additions to the Library of the Neurology Department of books on research, periodicals, reports or publications, etc.	11.61	1,040.10
EMMA H. SLADE FUND For any Hospital purpose, but preferably to provide particularly for those in the middle ranks of life who need such care.		10,195.20
SOCIAL SERVICE FUND Income for Social Service.		111,015.15
THE CHARLES CHESLEY SPRINGER FUND "Income for the relief of soldiers, sailors or marines who have been in the military service of the United States and who are residents of Massachusetts, and for the relief of their families. If at any time there should not be any soldiers, sailors, marines or their families requiring such relief, the income may be applied to any of the purposes of the Hospital." Bequest of Miss Mary W. Springer.	378.93	345,020.58
STAFF MEMORIAL FUND Income to be expended by direction of the General Executive Committee. Sundry Gifts.	616.43	3,711.00
SURGICAL INSTRUMENT FUND Income for special surgical instruments. Gift of J. Arthur Beebe ..... $5,000.00 Sundry Gifts 1,475.00	1,139.92	6,475.00
GEORGE N. TALBOT FUND Income for Children's Medical Department as directed by Chief of Service. Bequest of George N. Talbot and Gifts of Dr. Fritz B. Talbot.	288.04	9,240.78
Carried forward	$22,086.02	$15,965,887.29

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$22,086.02	$15,965,887.29
MRS. NATHANIEL THAYER FUND Income to be used "preferably for the Social Service Department."		10,000.00
ANNIE A. LONGFELLOW THORP MEMORIAL FUND Income for Warren Library. Sundry Gifts.	1,822.47	3,450.00
TRAINING SCHOOL FOR NURSES FUND Income for Training School for Nurses. Sundry Gifts and Bequests.		40,037.92
TREADWELL LIBRARY FUND Income for the Treadwell Library. Bequest of Dr. J. G. Treadwell $5,000.00 Sundry Gifts and Bequests 2,555.00	976.43	7,555.00
LAWRENCE TUCKER FUND So far as expedient for the treatment and alleviation of venereal diseases, and otherwise for the general purposes of the Hospital.		429,753.01
UROLOGICAL PERIODICALS FUND Income for purchase of urological periodicals for Staff Room of Urological Ward. Gift of Dr. Channing S. Swan.	274.72	1,000.00
FRANCES KNOWLES WARREN FUND Income for the General Purposes of the Hospital; principal available in emergency. Bequest of Mrs. George E. Warren.		30,000.00
WARREN LIBRARY FUND Income for books for patients. Sundry Gifts and Bequest.	1,618.90	5,067.19
DEPENDENCE S. AND WALTER B. WATERMAN FUND "Income to be applied to the care of those who can pay something but not all." Bequest of Walter Bowen Waterman.		134,573.62
GEORGE ROBERT WHITE FUND To be held as a permanent fund to be known as the George Robert White Fund, the income only to be used first for the maintenance and equipment of the George Robert White Memorial building and second for the general purposes of the Hospital. Bequest of Mrs Harriet J. Bradbury $3,030,183.02 Sundry Gifts 3,657.50	.01	3,089,148.92
Carried forward	$26,778.55	$19,716,472.95

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$26,778.55	$19,716,472.95
GEORGE ROBERT WHITE FUND "Income for development or maintenance of a department for treatment of diseases of the skin." Bequest of George Robert White		100,000.00
DR. JAMES C. WHITE NEUROSURGICAL FUND Income to be added to principal until the fund reaches $5,000; thereafter 50% shall be added until the fund reaches $10,000; and thereafter 25% to $50,000. Income not so added to principal to be used in the interest and promotion of neurosurgery under the direction of Dr. James C. White.		757.98
GEORGE WIGGLESWORTH FUND Ten per cent of gross income in each year to be added to principal; net income remaining for the general purposes of the Corporation.		56,213.55
WOODEN LEG FUND Income for wooden legs and other devices for diseased and injured legs. Bequest of Nathaniel I. Bowditch $5,000.00 Sundry Gifts 2,600.00	1,396.48	7,600.00
TEMPORARY FUNDS Special Purposes 2,014,889.60 Endowment Income Undistributed to Funds 213,770.77		
TOTAL GENERAL HOSPITAL FUNDS	$2,256,835.40	$19,881,044.48

BUILDING FUNDS

GENERAL BUILDING FUND For any construction.	311,778.22
AMBULATORY CLINIC BUILDING FUND	360,246.63
ORTHOPEDIC RESEARCH LABORATORY FUND	69,162.81
SUNDRY FUNDS	52,017.00
TOTAL BUILDING FUNDS	$793,204.66

McLEAN HOSPITAL FUNDS

	Income	Principal
EDWARD STANLEY ABBOT MEMORIAL FUND For scientific investigation at McLean Hospital.	$213.33	$ 10,000.00
AMUSEMENT, ENTERTAINMENT OR OCCUPATION FUND Income for amusement, entertainment or occupation of patients. Sundry Gifts and Bequests.		$ 21,135.00
Carried forward	$213.33	$ 31,135.00

McLEAN HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$213.33	$ 31,135.00
WENTWORTH HIGGINSON BARNEY FUND Income to be spent at the discretion of the Director. Gift of Dr. J. Dellinger Barney. $1,500.00 Income added 258.65		1,949.32
EMILY H. BOURNE FUND Income for the training of nurses in mental nursing and to aid in the prevention and cure of deafness.		10,000.00
CLINICAL RESEARCH FUND Income for research. Sundry Gifts and Bequests.		86,081.31
THE ISOBEL COLLINS SPECIAL FUND FOR THE LIBRARY OF McLEAN HOSPITAL Income for the purchase of books, music, and other things appropriate to the building up of a musical alcove for the library. Gift of Frank W. Kimball.		1,075.90
COWLES-TUTTLE MEMORIAL ART FUND Income for Art Room.	$1,071.60	5,000.00
SAMUEL ELIOT MEMORIAL CHAPEL FUND For maintenance and operation of Chapel.		10,904.84
FREE BED FUNDS Income for Free Beds. Sundry Gifts and Bequests.		354,937.45
GENERAL FUND For any Hospital purpose.		–55,911.50
INCOME UNRESTRICTED FUNDS Income for any Hospital purpose. Sundry Gifts and Bequests.		171,205.24
ANNABELLA McCRAE SCHOLARSHIP FUND Income for Scholarships for the School of Nursing	1,120.45	4,127.20
WETHERILL FUND The income only to be used for the Wetherill Awards to graduates of the McLean Hospital School of Nursing. Gift of Dr. E. Stanley Abbott.		2,000.00
MARY JESSIE WILLIS MEMORIAL FUND To establish a free bed in memory of Mary Jessie Willis, to furnish luxuries, comforts and amusements to such insane women patients as may be unable to provide the same for themselves, and generally for the uses of the Hospital. Bequest of Mrs. Frances H. Willis.		24,283.63
TEMPORARY FUNDS		
Special Purposes	273,048.77	
Endowment Income Undistributed to Funds	7,809.46	
TOTAL McLEAN HOSPITAL FUNDS	$283,263.61	$646,788.39

FIDUCIARY FUNDS

	Income	Principal
BOWDITCH HISTORY FUND ..... For the publication of a history of the Hospital. Bequest of N. I. Bowditch.		$ 2,000.00
BETTY DUMAINE FUND ..... To be held until accumulated income plus additions reach $100,000, then one-half of income to be added to principal and balance used for such Hospital purposes as Trustees deem best.		2,825.29
EYEGLASS FUND ..... Income payable to a life interest. Bequest of Frances A. Burnham.		2,282.00
FOSTER FAMILY FUND ..... "Income to be used to pay the hospital bills of patients nominated by the donor or his wife. After their decease the power of nomination shall descend in succession to their oldest child living, then grandchild. Thereafter, or in case the line of descent shall cease, the income shall be for the unrestricted uses of the Hospital." Gift of C. H. W. Foster.	$ 4,449.83	15,000.00
MABEL HOVEY HARRIS MEMORIAL FUND "In Memory of Mrs. Henry W. Harris" Income to be used at the discretion of the Ladies' Visiting Committee for the benefit of the Hospital and its patients. Gift of Mr. and Mrs. Edwin S. Webster.		5,375.00
CHESTER MORSE JONES FELLOWSHIP FUND To establish a fellowship.		27,938.85
SARAH PROCTOR JOSLIN FUND ..... Income to be expended by the Ladies' Visiting Committee for books and other articles.		1,000.00
MARION LEE LAWRENCE MEMORIAL FUND Income to be administered by the Ladies' Visiting Committee, or by any subcommittee duly authorized by them, for the benefit of the Hospital and its patients. "Given by Her Family and Friends."		10,943.00
FANNIE NEWELL SIMES FUND ..... Income payable to a life interest. Gift of Miss Olive Simes.		20,000.00
MASSACHUSETTS GENERAL HOSPITAL SCHOOL OF NURSING ENDOWMENT FUND ..... Income to be used as directed by vote of the Committee created under the Deed of Gift.		239,225.56
Carried forward	$4,449.83	$326,589.70

FIDUCIARY FUNDS (Continued)

	Income	Principal
Brought forward	$4,449.83	$326,589.70
ANNIE NORTON WARD FUND For charitable purposes connected with the Hospital pursuant to the vote of the Ladies' Visiting Committee.		1,000.00
WARREN PRIZE FUND Income for a triennial prize. Bequest of Dr. J. Mason Warren.	3,011.28	11,889.84
KATHARYN HOYT WATSON FUND For use of the Ladies' Visiting Committee.		1,000.00
Suspense and Special Funds		8,301.23
TOTAL FIDUCIARY FUNDS	$7,461.11	$348,780.77

SUMMARY

Principal Funds	$22,146,453.03
Temporary Funds	2,547,560.12
Funds Invested in Plant	20,706,795.64
Director's Accounts	3,256,677.57
	$48,657,486.36
Gain	129,003.51
Funds	$48,786,489.87

Examination of Accounts

January 26, 1959

To the Trustees
The Massachusetts General Hospital
45 Milk Street
Boston, Massachusetts

Sirs:

We have examined the balance sheet of The Massachusetts General Hospital as at September 30, 1958 and the related income statements of the General Hospital and McLean Hospital for the period ended September 28, 1958 (52 weeks). Our examination was made in accordance with generally accepted auditing standards, and accordingly included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

The accompanying statements reflect a provision for depreciation in the amount of $753,990.13, based on a percentage of the patient care expenses of the General Hospital. This provision has been recorded in accordance with requirements of statutory authority pertaining to per diem reimbursement for hospital services rendered under contract with certain third party agencies. We are unable to render an opinion as to the adequacy of the provision for depreciation in relation to plant costs.

Under the terms of pension plans adopted by the hospital, the hospital's portion of benefits payable to employees compensated from general operating funds of the hospital will be charged against operations as such benefits are paid. No provision has been made in the accompanying financial statements for the amount of the hospital's liability at September 30, 1958, for service benefits accruing to employees paid from general operating funds.

Subject to the exceptions noted above, in our opinion, the accompanying balance sheet and related income statements, with their supporting exhibits, present fairly the financial position of The Massachusetts General Hospital at September 30, 1958 and the results of its operations for the period ended at September 28, 1958 (52 weeks) in conformity with generally accepted accounting principles applied on a basis consistent with that of the preceding period.

We have made a test check of the charges to income funds for special purposes for the year ended September 30, 1958 (including income arising from principal funds), in respect of the General Hospital and McLean Hospital funds. Based upon such examination and our review of internal control maintained in relation to funds, it is our opinion that charges made against the above-mentioned funds were properly chargeable thereto.

Patterson, Teele & Dennis

GIFTS AND BEQUESTS 1957-58

GENERAL FUND

FOR ANY HOSPITAL PURPOSE

Bequests of		
Miss Nannie Alexander	$ 10,000.00	
Mr. Edward F. Breed	5,000.00	
Mr. Clarence Croll	16,500.00	
Mr. Ellis L. Dresel	84,000.00	
Mr. William Drinkwater	50,222.22	
Mr. Samuel C. Howes	1,600.00	
Miss Mary B. Johnson	33.00	
Mr. Charles M. Keep	587.36	
Miss Mertie N. Kinney	7,000.00	
Mr. Israel Louis	1,993.71	
Mr. David Nevins	31,500.00	
Mr. Walter J. Noonan	6,203.82	
Mr. William J. Rotch	30,318.20	
Miss Edna G. Spitz	5,000.00	
Mrs. Louise S. Spring	674,688.31	
Mr. George Holden Tinkham	5,022.22	
Mr. John Wexler	200.00	
Mrs. H. Sylvia A. H. G. Wilks	25.84	
Miss Elizabeth Townsend	20,000.00	$ 949,894.68
Gifts of		
The Lassor and Fanny Agoos Charity Fund	$ 250.00	
Airtron, Inc. Benevolent Trust Fund	50.00	
7 Anonymous Donors	36.20	
Mr. and Mrs. Philip D. Armour	5,000.00	
In Memory of Mrs. Erastus B. Badger	15.00	
In Memory of Mrs. Nellie W. Bagg	100.00	
Mrs. Vincent R. Bailey	100.00	
Bay State Abrasive Products Co.	1,000.00	
In Memory of Mr. Reginald Boardman	25.00	
In Memory of Mr. J. Arthur Bourdon	10.00	
In Memory of Mr. Charles Brewer	147.00	
In Memory of Mrs. Elizabeth Zerrahn Chadwick	25.00	
The Alfred E. Chase Charity Foundation	100.00	
Mr. Philip P. Chase	36.84	
Mr. and Mrs. William H. Claflin	3,768.75	
Mrs. Julian L. Coolidge	10.00	
In Memory of Erskine Howard Courtenay	25.00	
In Memory of Mr. Lyneham Crocker	10.00	
In Memory of Mrs. Stephen V. R. Crosby	25.00	
In Memory of Dr. Charles W. Crowley	110.00	
In Memory of Miss Nora F. Crowley	10.00	
Mrs. E. F. Dwight	100.00	
Mr. Arthur C. Faris	1.00	
Mr. Sumner W. Ferris	10.00	
In Memory of Miss Edith Sistake Fisher	20.00	
Mrs. Virginia Foster	5.25	
The Fuller Foundation	50,000.00	
Dr. James L. Gamble	527.50	
Mrs. Anita Goldberg	25.00	
Mrs. Marcus Selden Goldman	25.00	
Carried forward	$61,567.54	$ 949,894.68

Brought forward	$61,567.54	$ 949,894.68
Grosberg Family Charity Fund, Inc.	100.00	
Dr. Theodore Gross	3.00	
Mr. Frank W. Heffron	75.00	
In Memory of Mr. Isaac Jackson	17.00	
Dr. Chester M. Jones	100.00	
Mrs. Louis G. Jones	15.00	
Dr. and Mrs. Charles S. Kubik	100.00	
In Memory of Mrs. Etta Lack	1,000.00	
In Memory of Miss Beatrice M. Loftus	5.00	
In Memory of Mr. Lindsley Loring	25.00	
In Memory of Mrs. Andrew Mason	20.00	
In Memory of Mr. Francis V. Mead	85.00	
In Memory of Mrs. Marilyn Miller	1.00	
In Memory of Mr. Karl R. Ottesen	10.00	
Mrs. Cortlandt Parker	500.00	
Mr. and Mrs. W. Elliott Pratt, Jr.	415.63	
Mr. Elliot L. Richardson	500.00	
Dr. and Mrs. Grant V. Rodkey	250.00	
Sagamore Foundation	6,500.00	
William T. Salter Trust	18.80	
In Memory of Mrs. William Saville	50.00	
In Memory of Dr. Fred A. Simmons	842.00	
In Memory of Mrs. Howard B. Sprague	310.00	
Nathaniel and Elizabeth P. Stevens Foundation	25,000.00	
In Memory of Irene Mann Tilden	10.00	
In Memory of Miss Elizabeth Townsend	10.00	
Mrs. Lena Trager	1.00	
Trustees u/w of G. Gorham Peters	3,250.00	
In Memory of Mr. Thomson W. Van Saun	25.00	
In Memory of Mrs. Guy Waring	35.00	
Weld Foundation	5,000.00	
James S. and Vera B. Whitcomb Foundation	600.00	
Mr. John C. Wolbach	300.00	106,740.97
		$1,056,635.65

150TH ANNIVERSARY FUND

Gifts of:		
Mr. and Mrs. Francis C. Gray	$ 2,500.00	
Mr. and Mrs. Henry R. Guild	1,000.00	
Mr. and Mrs. Ralph Lowell	1,000.00	$4,500.00

GENERAL HOSPITAL FUNDS

Fund No.		
1015	PHILIP R. AND ANNE L. ALLEN ENDOWMENT FUND Gift of Mr. and Mrs. Philip R. Allen	$ 6,405.00
1050	ARCHIVES FUND Gift of Mrs. Floyd Blackman	1.00
	Carried forward	$1,067,541.65

	Brought forward			$1,067,541.65
1070	JOSEPH C. AUB FUND			
	Gifts of			
	Mrs. Henry C. Berlin	$	100.00	
	Mr. William P. Ellison		1,500.00	
	In Memory of Ida Neaderthal		2.00	1,602.00
1080	BAKER MEMORIAL FUND			
	Bequest of Adelaide F. Munsey			1,006.44
1120	LILLIAN DOBIE BALBONI MEMORIAL FUND			
	Gifts			
	In Memory of Mr. Dante Baldi	$	5.00	
	Mr. Gene M. Biagi		25.00	
	Mr. and Mrs. Joseph Costantini		5.00	
	Mr. Peter Salvi		50.00	85.00
1290	MGH ENDOWMENT FUND FOR THE STUDY OF CHRONIC DISEASES			
	Gifts of			
	Mrs. James E. Cooper	$	500.00	
	Miss Edith C. Farwell		10.00	
	William E. Schrafft and Bertha E. Schrafft Charitable Trust		16,000.00	
	Mr. and Mrs. Richard P. Towne		500.00	
	Wolfson Family Foundation, Inc.		10,000.00	27,010.00
1580	GENERAL SURGERY FUND			
	Gifts of			
	Mr. Herman Lippman	$	10.00	
	Mr. James W. Welansky		200.00	210.00
1710	INCOME UNRESTRICTED FUNDS			
	SAMUEL APPLETON FUND			
	Bequest of Miss Maud E. Appleton			1,019.74
1770	DANIEL FISKE JONES MEMORIAL FUND			
	Gifts of			
	Mrs. Daniel Fiske Jones	$	50.00	
	Mrs. J. Vaughan Merrick, III		50.00	100.00
1800	MARGERY AMORY KETCHUM MEMORIAL FUND			
	Gifts of			
	Anonymous	$	1,000.00	
	Mrs. Charles Weston		10.00	1,010.00
1870	JAMES HOWARD MEANS FUND			
	Gifts of			
	Dr. Arthur W. Allen	$	100.00	
	Dr. Walter Bauer		200.00	
	Dr. and Mrs. G. H. A. Clowes		500.00	
	Mr. Augustus H. Eustis		100.00	
	Dr. Dana L. Farnsworth		100.00	
	Dr. and Mrs. James L. Faulkner		1,000.00	
	Mr. and Mrs. Francis C. Gray		100.00	
	Dr. Samuel F. Haines		100.00	
	Mr. Phillips Ketchum		400.00	
	Carried forward			$1,099,584.83

	Brought forward		$1,099,584.83
	Dr. Jacob Lerman	100.00	
	Mr. Alfred L. Loomis	1,000.00	
	Dr. Harold N. Segall	400.00	
	Rt. Rev. Henry K. Sherrill	200.00	
	Dr. Ramon M. Suarez, Jr.	150.00	
	Dr. Isaac M. Taylor	100.00	
	Dr. Richard G. Whiting	100.00	
	82 Sundry Donors of under $100.00	1,835.00	6,485.00
1950	THE MIXTER FUND		
	Gifts of		
	Miss Elizabeth E. Andrews	$ 25.00	
	Mr. Harold D. Ashe	200.00	
	Mr. and Mrs. Lewis Collins	10.00	
	In Memory of Mr. Lewis Collins	653.00	
	In Memory of Mr. Barnet Gorodetzer	51.00	
	In Memory of Mrs. Florence McCormick	5.00	
	In Memory of Dr. William Jason Mixter	4,035.00	
	Mr. and Mrs. Henry A. Morss, Jr.	1,012.50	
	Mr. Albert N. Murray	100.00	
	Mr. Edward O'Donnell	1,500.00	
	Mrs. Mixter Partridge	100.00	
	Mr. Reginald F. Raddin	10.00	
	Miss Phyllis Robbins	25.00	
	Mr. Benjamin Salzhauer	100.00	
	Mrs. Sohier Shaw	10.00	
	Mr. John C. Virden	100.00	
	Mrs. Edwin S. Webster	100.00	7,881.50
1970	FORRIS JEWETT MOORE AND EMMA BAKER MOORE FUND		
	Bequest of Emma Baker Moore		46,143.32
2105	ORTHOPEDIC RESEARCH FUND		
	Gift of Dr. Edwin F. Cave		500.00
2250	NEAL RANTOUL FUND		
	Bequest of Mr. Neal Rantoul		92,700.00
2305	JOHN FYFFE RICHARDSON MEMORIAL FUND		
	Gift of Rev. and Mrs. Robert D. Richardson		500.00
2340	RUSSELL ROBB MEMORIAL FUND		
	Gift of Mrs. Russell Robb, Sr.		10,000.00
2350	ELSIE M. ROBBINS SOCIAL SERVICE FUND		
	Gifts In Memory of Miss Harriet G. Stratton		25.00
2440	THE TERRY SHUMAN MEMORIAL FUND		
	Gifts of		
	Recording & Statistical Corporation — Employees Benefit Fund	$ 100.00	
	105 Sundry Donors of under $100.00	940.00	1,040.00
2750	GEORGE ROBERT WHITE FUND		
	Bequest of Mrs. Harriet J. Bradbury		12,295.20
	Carried forward		$1,277,154.85

	Brought forward		$1,277,154.85
2815	UNRESTRICTED FREE BED FUNDS		
	Bequests of		
	Mrs. Marion S. Potter	$25,000.00	
	Mr. Arthur Francis St. George	7,468.59	
	Gifts		
	In Memory of Mr. Clementina	5.00	
	Mrs. Rose Molino	5.00	
	In Memory of Mr. Alfred Recchia	1.00	
	MARY C. KEWER AND EVELYN E. KEWER MEMORIAL FREE BED FUND		
	Gift of Mr. George Kewer	1,000.00	
	MARY BUCKMINSTER MOORS FUND		
	Bequest of Mr. Arthur W. Moors	$ 5,325.00	
	RUDOLPH WELD MEMORIAL FREE BED FUND		
	Gift of Mrs. Rudolph Weld	939.38	39,743.97
2869	SERIAH STEVENS FREE BED FUND		
	Bequest of Ruey Bartlett Stevens		90,799.44
2910	CONVALESCENT HOSPITAL FUND		
	Gift of Trustees u/w Mrs. Helen O. Storrow		3,050.00
			$1,410,748.26

BUILDING FUNDS

AMBULATORY CLINIC BUILDING FUND

	Gifts of		
	The Lassor and Fanny Agoos Charity Fund	$ 250.00	
	3 Anonymous Gifts	12,000.00	
	Rt. Rev. Robert P. Barry	100.00	
	Dr. and Mrs. Marshall K. Bartlett	100.00	
	Mrs. Taylor Black	100.00	
	Brockway-Smith-Haigh-Lovell Company	100.00	
	Miss Nina H. Burnham	100.00	
	Mr. and Mrs. Henry B. Cabot	100.00	
	Mrs. F. B. Crowninshield	100.00	
	Miss Nona M. Dougherty	100.00	
	Mr. and Mrs. Earl M. Dunham	100.00	
	Dr. Dana L. Farnsworth	100.00	
	Mrs. Gardiner Fiske	1,000.00	
	Mrs. A. Oram Fulton	100.00	
	The Gillette Company	2.000.00	
	Mr. David H. Greenberg	200.00	
	Mr. Jacob Grossman	100.00	
	Mrs. Charles P. Howard	100.00	
	Mr. Rollin W. Hoyt	100.00	
	Mr. and Mrs. Kenneth L. Isaacs	100.00	
	Kidder, Peabody & Co.	250.00	
	Mrs. W. A. Lawrence	100.00	
	Mrs. Theodore W. Little	100.00	
	Carried forward	$17,400.00	$1,410,748.26

Brought forward		$1,410,748.26
Mr. and Mrs. Robert H. Marden	100.00	
Mr. J. Franklin McElwain	250.00	
George W. Mitton Memorial Foundation	500.00	
Mrs. John P. Monks	5,000.00	
Mr. and Mrs. J. Lothrop Motley	100.00	
Mr. and Mrs. Constantin A. Pertzoff	100.00	
Mr. Sanford F. Petts	200.00	
Mr. Victor H. Schueg	2,000.00	
Miss Mary Byers Smith	500.00	
Dr. and Mrs. Augustus Thorndike	100.00	
Mrs. Walter P. Tobey	100.00	
Mr. and Mrs. John M. Wells	1,000.00	
Mr. and Mrs. Leeds A. Wheeler	200.00	
*370 Donations of under $100.00	3,654.72	$31,204.72

GENERAL BUILDING FUND

Gifts of

Mr. Frank W. Abbott	$ 250.00	
Mr. Charles Francis Adams	250.00	
Frank W. and Carl S. Adams Memorial Fund	2,000.00	
Mr. and Mrs. John Adams	100.00	
Mrs. William T. Aldrich	100.00	
Dr. W. H. Alexander	300.00	
Mrs. Frank G. Allen	100.00	
Mrs. Philip K. Allen	263.50	
Mr. and Mrs. Philip K. Allen	260.31	
Mr. Stephen G. Allen	1,000.00	
Mr. John S. Ames	837.94	
Mrs. Copley Amory	145.00	
7 Anonymous Gifts	8,830.06	
Mr. and Mrs. David B. Arnold	431.25	
Miss Marguerite Atwood	100.00	
Mr. and Mrs. William H. Bates	100.00	
Mr. Ralph Beatley	100.00	
Mr. Alan C. Bemis	100.00	
Emile Bernat and Sons Company	100.00	
Mr. R. W. Bird	200.00	
Dr. H. I. Bixby	1,040.00	
Mr. and Mrs. Henry M. Bliss	250.00	
Boston Insulated Wire & Cable Company	100.00	
Boston Linotype Print, Inc.	500.00	
John W. Boynton Fund	100.00	
Mrs. Henry G. Bradlee	100.00	
Mrs. Eleanor A. Brainerd	1,000.00	
Brandegee Charitable Foundation	200.00	
Miss Sarah F. Bremer	100.00	
Mr. and Mrs. John D. Brewer, Jr.	100.00	
Mr. Gorham Brooks	100.00	
Mr. and Mrs. George R. Brown	100.00	
Mr. and Mrs. Francis V. Bulfinch	100.00	
Miss Ellen T. Bullard	200.00	
Mr. and Mrs. John M. Bullard	1,000.00	
Carried forward	$20,558.06	$1,441,952.98

Brought forward	$20,558.06	$1,441,952.98
Mrs. C. S. Butler	100.00	
Mrs. Henry G. Byng	350.00	
Mr. and Mrs. Charles C. Cabot	200.00	
Dr. and Mrs. Bradford Cannon	100.00	
Mrs. Thomas B. Card	525.00	
Mr. and Mrs. Houghton Carr	200.00	
Mr. and Mrs. Lyndall F. Carter	1,000.00	
Mr. Carey J. Chamberlin	200.00	
Mr. and Mrs. E. Barton Chapin	200.00	
Miss Alice P. Chase	100.00	
Mr. and Mrs Charles E. Cheever	100.00	
Frederick C. Church Foundation	500.00	
Mr. and Mrs. Eugene H. Clapp, II	100.00	
Mr. and Mrs. William H. Claflin	4,137.50	
Mrs. Harriot F. Clark	100.00	
Mr. and Mrs. Nathaniel T. Clark	100.00	
Mr. and Mrs. Philip M. Clark	200.00	
Mrs. Jane B. Cochran	100.00	
Colonial Management Associates	518.10	
Mr. Parker Converse	100.00	
Mr. and Mrs. Charles E. Cotting	200.00	
Dr. John D. Crawford	300.00	
Rev. and Mrs. John Crocker	100.00	
Mr. John T. Croghan	100.00	
Mrs. Alan Cunningham	100.00	
Mrs. Stanley Cunningham	200.00	
Mr. Laurence Curtis	100.00	
Mr. and Mrs. George M. Cushing	100.00	
The Howard G. and Mary A. Cushing Charitable Trust	100.00	
Mr. F. L. Daggett	100.00	
Fred L. Daggett Charitable Trust	260.00	
Mr. John W. Davies	200.00	
Davies, Rose & Company, Limited	500.00	
Dickie-Raymond, Inc.	100.00	
Mr. Robert G. Dodge	200.00	
Dr. and Mrs. Gordon Donaldson	500.00	
Miss Louise I. Doyle	500.00	
The Eastern Charitable Foundation	100.00	
The Eastern Company	100.00	
In Memory of Mr. and Mrs. William Emerson	100.00	
Mr. Albert P. Everts	100.00	
Mr. and Mrs. Murry N. Fairbank	100.00	
Mr. Wallace Falvey	200.00	
Dr. and Mrs. Henry H. Faxon	150.00	
Mrs. Henry H. Faxon	100.00	
Mr. William Ferguson	1,000.31	
The First Boston Corporation	1,000.00	
First National Stores, Inc.	2,500.00	
Mr. and Mrs. Joseph Fishman	100.00	
Mrs. Stephen S. FitzGerald	500.00	
Mr. Donald B. Fleming	135.00	
Mr. Frederick C. Fletcher	100.00	
Carried forward	$39,433.97	$1,441,952.98

Brought forward	$39,433.97	$1,441,952.98
Mrs. Alexander Forbes	100.00	
Miss Edith M. Fox	500.00	
Mrs. William Tudor Gardiner	100.00	
Mr. and Mrs. George Peabody Gardner	500.00	
Mr. and Mrs. Emerson G. Gaylord	500.00	
General Radio Corporation	500.00	
Mrs. Frederick H. Gillett	100.00	
Mr. Hollis T. Gleason	100.00	
Mr. and Mrs. Frederic Gooding	100.00	
Mrs. Frederic S. Goodwin	200.00	
Mr. Archibald R. Graustein	100.00	
Mr. Reginald Gray	1,000.00	
Grosberg Family Charity Fund, Inc.	200.00	
Mr. Henry S. Hall, Jr.	500.00	
Mr. John L. Hall	100.00	
Mr. Norman Harrower	100.00	
Mr. and Mrs Joel D. Harvey	100.00	
Mr. Francis Hastings	200.00	
Mr. Francis W. Hatch	100.00	
Mr. and Mrs. Harold L. Hazen	250.00	
Mr. and Mrs. B. Howard Henderson	100.00	
Mr. F. L. Higginson	250.00	
Mr. and Mrs. Frederick W. Hill	100.00	
Mrs. Frederick W. Hilles	100.00	
Mr. H. D. Hodgkinson	107.41	
Mr. and Mrs. Harvey P. Hood	1,000.00	
The Hopedale Foundation	2,500.00	
Mr. and Mrs. Ralph Hornblower	100.00	
Mr. and Mrs. Franklin P. Horton	100.00	
Dr. and Mrs. John D. Houghton	100.00	
Mrs. Susan B. Howes	100.00	
Mr. and Mrs. David H. Howie	100.00	
Mrs. Llewellyn Howland	500.00	
Dr. and Mrs. Eliot Hubbard, Jr.	100.00	
Mr. and Mrs. Arnold Hunnewell	1,000.00	
Mr. Francis Welles Hunnewell	500.00	
Miss Louisa Hunnewell	2,000.00	
Mr. and Mrs. Walter Hunnewell	100.00	
Mr. Willard P. Hunnewell	100.00	
Mrs. J. Newell Hurd	250.00	
Mr. and Mrs. William P. Husband, Jr.	500.00	
Mr. Charles L. Hutchinson	115.00	
International Equipment Company	200.00	
Mr. Kenneth L. Isaacs	100.00	
Mr. and Mrs. Henry B. Jackson	100.00	
Mrs. James Jackson	100.00	
Mr. and Mrs. James Jackson, Jr.	100.00	
The Jeppson Memorial Fund	500.00	
Mr. T. E. Jewell	100.00	
Mrs. Bradish Johnson	100.00	
Mr. Arthur W. Kimbell	250.00	
Mr. Henry W. Kneeland	100.00	
Mr. Benjamin Kulp	100.00	
Carried forward	$56,356.38	$1,441,952.98

Brought forward	$56,356.38	$1,441,952.98
The A. D. L. Foundation	500.00	
Miss Aimee Lamb	200.00	
Mrs. James Lawrence, Jr.	150.00	
Mr. Stanley H. Lawton	200.00	
Mrs. George C. Lee	100.00	
Mr. W. B. Long	250.00	
Mr. and Mrs. Joseph A. Lowe	500.00	
Mr. and Mrs. A. Lee MacPhail	100.00	
Mr. and Mrs. Leroy F. Marek	100.00	
Marlboro Wire Goods Company	100.00	
Mr. and Mrs. Andrew Mason	100.00	
Massachusetts Indemnity & Life Insurance Company	100.00	
Mr. Philip R. Mather	1,000.00	
Mr. Robert W. Maynard	100.00	
Mr. and Mrs. W. R. McNeil	100.00	
Mr. and Mrs. John P. McQueen	100.00	
Mr. and Mrs. Augustus G. Means	300.00	
Meigs Associates	300.00	
Mrs. Valerie Veasey Miller	200.00	
Dr. and Mrs. J. Bradford Millet	100.00	
Mr. and Mrs. Henry W. Minot	100.00	
Mr. and Mrs. James J. Minot	200.00	
Mr. and Mrs. Donald Moffat	100.00	
Mr. and Mrs. John A. Moir	500.00	
Morgan-Worcester, Inc.	500.00	
Mr. Walter C. Morrill	100.00	
Mrs. Henry A. Morss	500.00	
Mr. B. P. P. Moseley	100.00	
Miss Helen Morton	500.00	
Mr. Warren Motley	100.00	
Mr. and Mrs. George Mumford	250.00	
Mr. and Mrs. George Olmsted, Jr.	200.00	
Mr. James H. Orr	200.00	
Mr. Gordon Osborne	250.00	
Mrs. John B. Paine	200.00	
Mr. and Mrs. Stephen Paine	500.00	
Major George S. Patton	520.31	
Penn Metal Company, Inc.	250.00	
Mr. Elliott Perkins	100.00	
Mrs. Thomas N. Perkins	130.00	
Mrs. Arthur Perry, Jr.	150.00	
Mr. H. G. Perry	500.00	
Mrs. Sherman Perry	100.00	
Dr. and Mrs. Philip Phillips	1,406.25	
Mr. and Mrs. Dudley L. Pickman, Jr.	100.00	
Mr. and Mrs. Edwin Pratt	250.00	
Mr. Frederick S. Pratt	400.00	
Mrs. Lewis I. Prouty	1,000.00	
A. C. Ratshesky Foundation	500.00	
Mr. and Mrs. Paul Reichert	100.00	
Mr. James R. Reynolds	100.00	
Mr. J. Preston Rice	381.88	
Mr. and Mrs. Elliot L. Richardson	100.00	
Carried forward	$71,344.82	$1,441,952.98

Brought forward	$71,344.82	$1,441,952.98
Dr. George S. Richardson	100.00	
Mr. and Mrs. John Richardson	100.00	
Joseph G. and Myer Riesman Foundation	100.00	
Miss Mabel Louise Riley	3,000.00	
Mr. and Mrs. Dwight P. Robinson, Jr.	500.00	
Mr. Fred N. Robinson	250.00	
Dr. and Mrs. Horatio Rogers	2,000.00	
Senator and Mrs. Leverett Saltonstall	100.00	
Mr. and Mrs. Carl N. Schmalz	100.00	
Mr. Donald Scott	100.00	
Miss Evelyn Sears	100.00	
H. J. Seiler Company	100.00	
Mr. and Mrs. Winthrop L. Sheedy	100.00	
Sheraton Foundation, Inc.	100.00	
Mr. and Mrs. Richard W. Simmers	250.00	
A. L. Smith Iron Company	100.00	
Mr. J. R. Snider	100.00	
Mrs. William B. Snow, Jr.	100.00	
Dr. and Mrs. William D. Sohier, Jr.	500.00	
Mr. Joseph P. Spang, Jr.	105.56	
Mr. John F. Spence	100.00	
Sprague Electric Company	2,500.00	
Mr. Phineas Shaw Sprague	1,000.00	
Mr. Herbert R. Stearns	160.00	
Mr. and Mrs. Raymond Stevens	100.00	
Mr. Gilbert L. Steward	100.00	
Mr. and Mrs. J. Harold Stewart	100.00	
Mrs. Philip Stockton	534.87	
Mr. and Mrs. Robert G. Stone	1,000.00	
Mr. and Mrs. John O. Stubbs	150.00	
Mr. E. Kent Swift	565.00	
Mrs. George H. Swift	1,000.00	
Mr. and Mrs. Albert L. Sylvester	100.00	
Mr. Charles H. Taylor	200.00	
Mr. and Mrs. Davis Taylor	100.00	
Mr. and Mrs. Thomas C. Thacher	100.00	
Mr. Charles W. Thiery	100.00	
Mr. and Mrs. Philip H. Theopold	100.00	
Bequest of Miss Atossa B. Thomas	1,000.00	
Mr. and Mrs. Randall Thompson	100.00	
Miss Alice Thorndike	100.00	
Mrs. Harry Hill Thorndike	100.00	
Mr. Samuel J. Tomasello	100.00	
Mrs. Grace W. Treadwell	200.00	
Dr. Howard Ulfelder	200.00	
Mrs. William J. Underwood	200.00	
United Elastic Foundation	250.00	
U.S. Government (Hill-Burton Act)	25,000.00	
U.S. Public Health Service Division of Research Grants	46,246.00	
Miss Marion W. Vaillant	100.13	
Mr. and Mrs. John W. Valentine	100.00	
Mrs. H. D. Van Riper	100.00	
Dr. Beth Vincent	300.00	
Carried forward	$161,356.38	$1,441,952.98

Brought forward	$161,356.38	$1,441,952.98
Mr. George R. Walker	100.00	
Mr. Edgar Ward	100.00	
Dr. and Mrs. John L. Ward	200.00	
Mr. and Mrs. Howland S. Warren	200.00	
The Edwin S. Webster Foundation	5,000.00	
Mr. and Mrs. Robert G. Weise	109.50	
Mr. and Mrs. A. P. Weitzel	100.00	
Dr. and Mrs. Claude E. Welch	250.00	
Mrs. Walter W. Weld	100.00	
Mr. and Mrs. Walter W. Weld	100.00	
Mr. and Mrs. R. S. West	100.00	
Mr. and Mrs. B. F. Whalen	100.00	
Mr. Charles P. White	200.00	
Mr. and Mrs. James N. White	100.00	
White, Weld & Company	250.00	
Whitinsville Spinning Ring Company	500.00	
Mr. Charles H. Whitney	100.00	
Mr. Parker W. Whittemore	100.00	
Mr. and Mrs. Ben L. Wilson	100.00	
Mrs. Frederick Winsor	1,500.00	
Mr. William M. Wood	100.00	
Mr. George L. Wrenn, 2nd	300.00	
Mr. Clifford R. Wright, Jr.	100.00	
*3,384 Sundry Donors under $100.00	29,994.56	201,160.44
ORTHOPEDIC RESEARCH BUILDING FUND		
Gifts of		
Dr. and Mrs. Otto E. Aufranc	500.00	
Dr. Robert B. Brendze	166.67	
Dr. Thornton Brown	500.00	
Mrs. Florence Bushee	500.00	
Dr. Williams Cochran	100.00	
Mrs. Alfred I. DuPont	10,000.00	
Dr. and Mrs. William N. Jones	175.00	
Dr. Robert Joplin	100.00	
Liberty Mutual Insurance Company	12,500.00	
Dr. William R. MacAusland, Jr.	200.00	
Dr. Paul L. Norton	100.00	
Dr. Eugene E. Record	170.00	
Dr. and Mrs. Carter R. Rowe	500.00	
8 Gifts under $100.00	335.00	25,846.67
ARMIN KLEIN MEMORIAL FUND		
Miss Etta M. Hand		5.00
CONSTRUCTION & EQUIPMENT NEW RECOVERY ROOM		
Trustees of the Godfrey Hyams Trust		25,000.00
Carried forward		$1,693,965.09

	Brought forward		$1,693,965.09

McLEAN HOSPITAL FUNDS

Fund No.			
	GENERAL FUND		
	Gifts of:		
	Anonymous	$ 250.00	
	Mr. William F. Hayden	50.00	
	Mr. H. P. Hodgman	10.00	$ 310.00
03	EDWARD STANLEY ABBOT MEMORIAL FUND		
	Bequest of Mrs. Marion Wetherill Abbot		10,000.00
60	ANNABELLA MCCRAE SCHOLARSHIP FUND		
	Gift of Mrs. Mildred Carpenter Makin		50.00
			$ 10,360.00

FIDUCIARY FUNDS

	GENERAL STORE FUND		
	Gift of Mrs. Gardiner Fiske		$ 1,000.00
	CHESTER MORSE JONES FELLOWSHIP FUND		
	Gifts of:		
	Dr. Henry S. Forbes	$ 100.00	
	Mr. Harlan K. Simonds. Jr.	147.38	247.38
	MGH SCHOOL OF NURSING ENDOWMENT FUND		
	Bequest of Miss Mertie N. Kinney	$ 2,500.00	
	Gift of Mr. Walter M. Broderick	3.00	2,503.00
			$ 3,750.38
	TOTAL PRINCIPAL FUNDS		$1,708,075.47

INCOME FUNDS

General Hospital Funds

Treasurer's Funds

ANNUAL FREE BED FUND		
Mr. Thomas P. Beal	$ 100.00	
In Memory of Mrs. Ida DeFord Beal		
Mr. and Mrs. Thomas P. Beal	100.00	
Mrs. Taylor Black	500.00	
Mrs. Louis Curtis, Sr.	100.00	
Miss Mary Curtis	100.00	
Mr. and Mrs. Francis C. Gray	400.00	
Mr. and Mrs. Augustus H. Eustis	100.00	
Mrs. Richard Walden Hale	100.00	
Miss Aimee Lamb	300.00	
Mr. and Mrs. Ralph Lowell	200.00	
In Memory of John Lowell 1816-1820 John Amory Lowell 1843-1851 John Lowell 1856-1870 John Lowell 1910-1922 Trustees of The Massachusetts General Hospital		
Mr. and Mrs. Samuel Mixter	250.00	
Miss Helen Nicolaow	5.00	
Miss Amelia Peabody	500.00	
Mrs. Rudolph Weld	200.00	
In Memory of Mr. Rudolph Weld		
Women's Italian Club of Boston	100.00	$ 3,055.00
CURRENT EXPENSE FUND		
Mrs. David B. Arnold	$ 50.00	
The Blanchard Foundation	1,000.00	
Bequest of Miss Caroline E. Chickering	7,563.58	
Committee of the Permanent Charity Fund, Inc.	17,000.00	
Bequest of Mr. Clarence O. Croll	155.00	
Bequest of Mr. James O. Graves	106.39	
Mr. C. E. Patch	10.00	
Trustees u/w of Etta I. Cooke	500.00	
United Community Services	211,713.00	238,097.97
The Arthur W. Allen Memorial Fund		4,698.00
In Memory of Dr. Arthur W. Allen		
CHESTER MORSE JONES LECTURE FUND		
Gifts of		
Dr. Evan Calkins	$ 10.00	
Dr. Kurt J. Isselbacher	10.00	
Dr. W. F. Leadbetter	10.00	
Dr. Lidio Mora Morales	25.00	
Dr. W. W. Point	100.00	
Dr. and Mrs. Guillermo Sanchez	5.00	
Dr. and Mrs. George W. Starbuck	50.00	
In Memory of Mrs. George W. Starbuck	942.75	1,152.75
KAYPE FUND		
2 Anonymous Gifts		2,017.62
Carried forward		$249,021.34

Brought forward		$249,021.34
MISCELLANEOUS FUNDS		
Gifts of		
Anonymous	$ 500.00	
Mrs. George P. McNear, Jr.	2,000.00	
Mr. C. R. Westaway	150.00	2,650.00
MIXTER PORTRAIT FUND		
Gift of Dr. Jost J. Michelsen		1,000.00
THE TERRY SHUMAN MEMORIAL FUND		
Gifts of Sundry Donors		1,030.00
		$253,701.34

Funds For Special Purposes

ANESTHESIA DEPARTMENT

Fund No.		
3014	American Heart Association Fund for Fellowship Expense Grant for Dr. Brewster	$ 500.00
3016	U.S. Public Health Service Fund for Study of Effects of Certain Drugs on Personality u/d Dr. Beecher	10,209.00
3030	Mallinckrodt Chemical Works Fund for Research in Anesthetics u/d Dr. Beecher	11,010.00
3048	U.S. Public Health Service Fund for Study of Adrenocortical Response to Surgery following Corticoid Therapy u/d Dr. Bunker	2,277.00
3056	Ayerst Laboratories Fund for Study of Effect of Estrone Sulfate on the Bleeding Defects Encountered during Surgery u/d Dr. McGovern	6,202.75
3063	American Heart Association Fund for Study of Hemodynamic and Metabolic Interrelationship of Hormones and Steroids u/d Dr. Brewster	1,650.00
3066	U.S. Public Health Service Fund for Study of Disturbances in Ventilation Following Anesthesia and Surgery	4,401.00

BRAIN WAVE LABORATORY

3345	Grass Instrument Company Fund for Support of Electronic Technician u/d Dr. Schwab	1,430.00
3355	Allen P. & Josephine B. Green Foundation Fund for Support of Clinical Investigations of Patients with Parkinson's Disease u/d Dr. Schwab	10,000.00
	Carried forward	$301,381.09

	Brought forward		$301,381.09
3361	The Medical Foundation Fund for Fellowship for Dr. Strupler u/d Dr. Schwab		5,000.00
3375	Neuropharmacological Research Fund		
	Ayerst Laboratories	$ 1,625.00	
	Burroughs Wellcome & Co. (USA)	1,375.00	
	Ciba Pharmaceutical Products, Inc.	1,600.00	
	Hoffman-LaRoche, Inc.	3,000.00	
	Knoll Pharmaceutical Co.	1,350.00	
	Merck, Sharp & Dohme	2,000.00	
	The William S. Merrell Company	1,500.00	
	Parke, Davis & Company	5,000.00	
	Chas. Pfizer & Company, Inc.	1,500.00	
	A. H. Robins Company, Inc.	2,250.00	
	Sandoz, Inc.	1,640.63	
	Sterling-Winthrop Research Institute	1,750.00	
	Warner-Chilcott Laboratories	2,500.00	27,090.63
3385	Sundry Gifts for Research in Parkinson's Disease u/d Dr. Schwab		
	137 Sundry Donors		8,736.00
3390	Edwin Minot Memorial Fund for Research in Electroencephalography		
	Miss Elizabeth T. Alling	$ 10.00	
	Miss Margaret Barrett	2.00	
	Mrs. Henry M. Channing	25.00	
	Mr. and Mrs. Hamilton M. Chase	250.00	
	Mr. and Mrs. Edward Cloney	5.00	
	Mr. Emerson Coleman, Jr.	5.00	
	Mr. Francis Donovan	25.00	
	Mr. Benito Fernandez	200.00	
	Mr. Antonio Guerrero	100.00	
	Mr. Eduardo Guerrero	100.00	
	Mr. Edward Hathaway	5.00	
	Mr. and Mrs. Robert Hathaway	10.00	
	Mr. David C. Hoover	25.00	
	Mr. Francis Madeira	25.00	
	Mrs. Helen T. Mayer	65.00	
	Mr. Albert Moskowitch	5.00	
	Mr. Patrick Phelan	5.00	
	Mr. Edward J. Scott	20.00	
	Miss Mary A. Sullivan	3.00	
	Mr. Adolfo Trespalacios	300.00	
	Mrs. J. Burke Wilkinson	500.00	$ 1,685.00
3410	Myasthenia Gravis Foundation Fund for Research u/d Dr. Schwab		
	Mrs. Louis Gale	$ 20.00	
	Myasthenia Gravis Foundation, Inc.	2,880.00	
	In Memory of Mr. T. Raymond Pierce	20.00	
	Dr. Nathan B. Talbot	100.00	3,020.00
	Carried forward		$346,912.72

	Brought forward		$346,912.72
CANCER RESEARCH			
3450	MGH Cancer Research Fund		
	Anonymous	$ 1.00	
	In Memory of Mr. Simon England	200.00	
	Mr. Joseph F. Ford	250.00	
	In Memory of Mr. David Grozier	45.00	
	Mr. Abraham S. Persky	2,000.00	2,496.00
3478	American Cancer Society Fund for Cancer Research u/d Dr. Sohier, Jr.		57,000.00
3479	American Cancer Society Fund for Cancer Research u/d Dr. Sohier, Jr.		10,000.00
3515	Sundry Gifts for Cancer Research u/d Research Committee		
	In Memory of Elizabeth B. Ritchie	$ 500.00	
	In Memory of Mr. George E. Stout	15.00	515.00
3562	U.S. Public Health Service Fund for a Research Training Grant u/d Drs. Churchill and Zamecnik		55,830.00
3618	U.S. Public Health Service Fund for Study of Enzymatic Mechanism of Protein Synthesis in Tissue u/d Dr. Hoagland		3,769.00
3657	Jane Coffin Childs Memorial Fund for Study of Newer Methods of Urinary Steroid Metabolites in Cancer u/d Drs. Engel and Baggett		8,380.00
3658	Jane Coffin Child Memorial Fund for Study of Newer Methods of Steroid Metabolism in Cancer u/d Dr. Engel		11,265.00
3679	American Cancer Society Fund for Supply Grant for Dr. Cameron u/d Dr. Engel		500.00
3715	Ira T. Nathanson Memorial Fund for Cancer Research		
	In Memory of Mr. Max F. Davidson		25.00
3721	American Cancer Society Fund for Research on Steroid Hormone Enzyme Interactions u/d Dr. Engel		11,416.50
3722	American Cancer Society Fund for Research on Steroid Hormone Enzyme Interactions u/d Dr. Engel		3,894.25
3752	American Cancer Society Fund for Study of Molecular Interactions between Steroid Hormones and Coenzyme Components u/d Drs. Scott & Engel		1,978.00
3761	American Cancer Society Fund for Study of Mechanisms Involving Response of Mammory Carcinoma to Steroids u/d Dr. Baker		2,386.25
	Carried forward		$516,367.72

	Brought forward		$516,367.72
3774	U.S. Public Health Service Fund for Study of Ferritin and Hemin Synthesis u/d Dr. Loftfield		5,614.00
3793	U.S. Public Health Service Fund for Comparison of Surfaces of Normal and Cancer Cells u/d Dr. Aub		13,510.00
3815	American Cancer Society Fund for Study of Nucleic Acid-Protein Interrelationships in Neoplastic Tissues u/d Dr. Zamecnik		17,250.00
3816	American Cancer Society Fund for Study of Nucleic Acid-Protein Interrelationships in Neoplastic Tissues u/d Dr. Zamecnik		17,206.50
3841	American Cancer Society Fund for Study of Nucleic Acid-Protein Interrelationships in Neoplastic Tissues u/d Dr. Zamecnik (Ancillary Award)		3,536.25
3848	American Cancer Society (Mass. Div.) Fund for Study of Cell Surface Tumors u/d Dr. Aub		6,233.00
3870	Sundry Gifts for Cancer Research u/d Dr. Zamecnik		
	Mrs. Arthur D. Allen, Jr.	$ 2.00	
	Mr. and Mrs. Nelson Bigelow	10.00	
	In Memory of Mrs. Jennie Cooper	34.00	
	In Memory of Mrs. Jeremiah P. Cronin	85.00	
	In Memory of Miss Betty Cohen	5.00	
	In Memory of Mr. F. A. Eustis	10.00	
	In Memory of Mr. George Fox	122.00	
	In Memory of Mr. Frank E. Gage	15.00	
	In Memory of Mr. Louis A. Gale	19.00	
	Mrs. Louis Gale	5.00	
	In Memory of Mrs. Edith Greenberg	5.00	
	In Memory of Miss Rita Huggard	27.50	
	In Memory of Mr. Henderson Inches	100.00	
	In Memory of Mr. Harry Lampert	1.00	
	In Memory of Mrs. Doris Isaacs Levy	10.00	
	In Memory of Mrs. William F. Marston, Jr.	55.00	
	In Memory of Mr. Leo Meltzer	3.00	
	In Memory of Dr. Edwin Nielsen	175.00	
	In Memory of Mr. Edwin H. Ohl	10.00	
	In Memory of Mr. Amato M. Rizzo	5.00	
	Miss Phyllis Robbins	30.00	
	In Memory of Mr. Louis Shapiro	3.00	
	Mr. Louis Shindler	9.00	
	In Memory of Mr. William Wood Smith	25.00	
	Mrs. Sidney Spiegel	5.00	
	In Memory of Mrs. Emlyn L. Stewardson	115.00	
	In Memory of Mrs. Susan Carman Taylor	140.00	
	In Memory of Mr. James P. Thompson	510.00	
	In Memory of Mr. Emlyn Vose	65.00	
	Miss Eileen M. Weller	10.00	
	In Memory of Mr. Bulkeley L. Wells	10.00	
	Mr. Orrin G. Wood, Jr.	25.00	1,645.50
	Carried forward		$581,362.97

	Brought forward			$581,362.97
3874	U.S. Public Health Service Fund for a Supply Grant in behalf of Dr. Bell u/d Dr. Zamecnik			500.00
3876	American Cancer Society Fund for Study of Purine and Pyrimidines as Sites for Activation and Transfer of Metabolic Intermediates u/d Dr. Zamecnik			10,307.00
3877	American Cancer Society Fund for Study of Purine and Pyrimidines as Sites for Activation and Transfer of Metabolic Intermediates			3,529.00
3908	U.S. Public Health Service Fund for Study of Histochemistry of Uncontrolled Cell Growth u/d Drs. Taft and Scott			27,283.00
3919	U.S. Public Health Service Fund for Study of Cytoplasmic Factor in Cellular Growth u/d Dr. Bucher			23,017.00
3924	U.S. Atomic Energy Commission Fund for a Biochemical Study of the Effects of Radiation u/d Dr. Zamecnik			75,000.00
4124	American Cancer Society (Mass. Div.) Fund for Salary of Research Secretary u/d Dr. Kelley			4,932.18
4200	Sundry Gifts for the Tumor Clinic			
	In Memory of Mr. Felix Santangelo	$	15.00	
	Mr. Philip Silverman		10.00	25.00
	DENTAL DEPARTMENT			
4250	Sundry Gifts for the Dental Clinic Mr. Francis L. Higginson, Jr.			1,000.00
	DERMATOLOGY SERVICE			
4310	Reheis Company Fund for Study of the Effect of Antiperspirants on the Skin u/d Dr. Blank			5,625.00
4415	Dr. G. Marshall Crawford Memorial Fund			
	E. Budnick & Son	$	50.00	
	In Memory of Miss Sunie Shaw		3.00	53.00
4451	U.S. Public Health Service Fund for Study of Lipide Metabolism of the Skin u/d Dr. Griesemer			5,247.00
	ENDOSCOPY SERVICE			
4500	Maud Benson Benedict Memorial Fund for Endoscopy and Research u/d Drs. Edward B. and Patricia H. Benedict			1,212.50
	Carried forward			$739,093.65

	Brought forward		$739,093.65
FREE CARE			
4560	Dean Foundation for Little Children Fund for the Care and Relief of Destitute Little Children		1,000.00
4620	Nelson E. Weeks Fund for Free Care of Needy Patients		2,025.00
GYNECOLOGY SERVICE			
4717	Massachusetts Heart Association Fund for Study of Tissue Culture Isolation and Human Smooth Muscle Cells u/d Drs. Ulfelder and Peebles		9,600.00
MASSACHUSETTS GENERAL HOSPITAL MISCELLANEOUS FUNDS			
4805	Ladies' Visiting Committee Fund for Emergency Recreation u/d Mrs. Virginia Arnold and Mrs. Helen Gray		100.00
4865	Sundry Gifts at the Disposal of the Director of the Phillips House Mr. George Estin		50.00
4870	Ladies' Visiting Committee "Travelli" Fund		2,500.00
4875	Loan Fund u/d General Director Miss Amelia Peabody		1,000.00
4950	Henry Vance Fund for the Benefit of Interns and Residents		3,500.00
4955	Professional Service Fee Fund Mr. James W. Anthony		200.00
MEDICAL SERVICE			
5040	MGH Research Fund		
	Armour Laboratories	$ 5,000.00	
	The Burroughs Wellcome Fund	5,000.00	
	Mrs. Gladys Davin	15.00	
	In Memory of Mr. Frederic Augustus Eustis	368.00	
	Loyalty Chapter #211 — Order of the Eastern Star	10.00	
	In Memory of Mr. Max Margolis	17.00	
	Miss Mary Wilder Newell	10.00	
	Parke, Davis & Company	6,250.00	
	Mrs. Miriam Kurland Rudnick	10.00	
	Dr. and Mrs. Warren R. Sisson	50.00	
	Mr. and Mrs. Sumner H. Slichter	100.00	
	In Memory of Mrs. Charles P. Southard	35.00	
	In Memory of Mrs. Lucy Saltonstall Thorndike	290.00	
	The Upjohn Company	5,000.00	22,155.00
5075	Leukemia Society Fund for Study of A. T. Pase in Normal and Leukemic Leukocytes and on Interrelationship Between A. T. Pase and Glycolytic Rate		3,750.00
	Carried forward		$784,973.65

	Brought forward		$784,973.65
5084	American Heart Association Fund for Fellowship Expense Grant for Dr. W. Beck		500.00
5095	U.S. Public Health Service Fund for Study of Metabolism of Normal and Leukemic Leukocytes u/d Dr. Beck		18,987.00
5101	U.S. Public Health Service Fund for Study of Isolation and Properties of the Erythrocyte Membrane u/d Dr. Beck		5,750.00
5121	Helen HayWhitney Foundation Fund for Fellowship for Dr. Stephen Krane u/d Dr. Bauer		8,500.00
5136	U.S. Public Health Service Fund for Study of Galactose Metabolism in Galactosemia and Other Diseases u/d Dr. Isselbacher		23,469.00
5156	U.S. Public Health Service Fund for Study of the Mechanism of Active Ion Transport by Cells and Tissues u/d Dr. Leaf		14,605.00
5161	U.S. Public Health Service Fund for Supply Grant for Dr. E. M. Schimmel u/d Dr. Isselbacher		500.00
5162	Loufbourow Memorial Fund for Research in Hypertension u/d Dr. Palmer		
	Estate of Mr. Edwin Snedeker	$ 150.00	
	Mrs. Oscar M. Hechter	20.00	170.00
5163	Good Will Fund u/d Dr. Gerardo Balboni		
	Mr. Anastasi Bertini	$ 10.00	
	Mr. Robert Carletti	10.00	
	Mrs. Amelia Corriere	5.00	
	Mrs. Adele Fiori	5.00	
	Mrs. Teresa Frammatino	10.00	
	Mr. Frank Gabrieli	5.00	
	Mr. Michael Giglio	10.00	
	Miss Mildred Innardini	2.00	
	Mrs. Rosa Morigi	3.00	
	Mr. Edward Orlandini	5.00	
	In Memory of Susanna Pelosi	25.00	
	Mr. Nicola Rossetti	1.00	91.00
5167	King Trust Fund for Research in Galactosemia u/d Dr. Isselbacher		5,000.00
5169	American Heart Association Fund for Fellowship Expense Grant for Dr. Howard Frazier		500.00
	Carried forward		$863,045.65

	Brought forward		$863,045.65
5175	U.S. Public Health Service Fund for Training in Research in Allergy u/d Dr. Lowell		11,786.00
5182	American Heart Association Fund for Study of Renal Acidifying Mechanism u/d Dr. Leaf		2,363.64
5184	American Heart Association Fund for Study of State of Body Water u/d Dr. Leaf		6,063.75
5206	U.S. Public Health Service Fund for Graduate Training Grant u/d Dr. Isselbacher		6,750.00
5210	U.S. Atomic Energy Commission Fund for Research on Radiation Effect in the Thyroid u/d Dr. Means		11,085.00
5221	Charles Pfizer & Company Fund for Clinical Investigation of Diabetic Patients u/d Dr. Field		5,000.00
5264	U.S. Public Health Service Fund for Post-Doctoral Fellowship Grant in behalf of Dr. Dumont u/d Dr. Stanbury		4,837.00
5276	U.S. Public Health Service Fund for Study of Enzymatic Mechanisms in the Thyroid Gland u/d Dr. Stanbury		8,625.00
5282	U.S. Public Health Service Fund for Study of Mechanism and Site of Action of Anti-Thyroid Drugs u/d Dr. Maloof		13,628.00
5287	U.S. Public Health Service Fund for Study of Regulation of Glycogen Metabolism in Liver Cells u/d Dr. Field		9,025.00
5294	King Trust Fund for the Study of the Relationship of Arthritis and the "X" factor u/d Dr. Aisenberg		6,000.00
5298	Eli Lilly Company Fund for Study of Connective Tissue u/d Dr. Bauer		15,000.00
5301	U.S. Public Health Service Fund for Study of Mechanism of L. E. Phenomenon u/d Dr. Aisenberg		14,511.00
5325	Sundry Gifts for Thyroid Research u/d Dr. Stanbury		
	The National Foundation for Infantile Paralysis, Inc.	$ 1,250.00	
	Warner-Lambert Pharmaceutical Co., Inc.	5,000.00	6,250.00
5329	U.S. Public Health Service Fund for Study of Mechanisms of Action of Cyancobalamin (B12) in Hematopiesis u/d Dr. Smith		8,186.00
	Carried forward		$992,156.04

	Brought forward	$992,156.04
5346	American Cancer Society Fund for Study of the Basic Processes of Radiation Effect on Biological Materials u/d Dr. Brownell	11,133.50
5351	American Cancer Society Fund for Study of the Basic Processes of Radiation Effect on Biological Materials u/d Dr. Brownell	2,518.50
5357	U.S. Public Health Service Fund For Graduate Training Grant in Diabetes u/d Dr. Field	10,940.00
5360	U.S. Public Health Service Fund for Study of Parameters of the Thyroid Gland u/d Dr. Brownell	10,925.00
5366	U.S. Public Health Service Fund for Study in Biophysics Training Program u/d Dr. Brownell	7,020.00
5372	U.S. Public Health Service Fund for Graduate Training Grant in Arthritis u/d Dr. Bauer	10,530.00
5384	U.S. Public Health Service Fund for Study of Application of Scintillation Counters to Multiple Tracer Experiments u/d Dr. Brownell	28,671.53
5386	U.S. Atomic Energy Commission Fund for Study of Techniques of Positron Scanning to Organs other than the Brain u/d Dr. Brownell	10,000.00
5396	U.S. Public Health Service Fund for Study of Factors in Allergic Responses u/d Dr. Lowell	51,732.00
5405	U.S. Atomic Energy Commission Fund for Research to Establish a Beryllium Case Registry u/d Dr. Hardy	10,000.00
5409	U.S. Public Health Service Fund for Study in Pulmonary Disease due to Toxic Chemical and Dust u/d Dr. Hardy	8,667.00
5418	U.S. Public Health Service Fund For Study of Plasma and Connective Tissue Glycoproteins in Normal and Rheumatic Subjects u/d Dr. Schmid	3,750.00
5419	Helen Hay Whitney Foundation Fund for Study of Rheumatic Disease u/d Dr. Bauer	15,000.00
5420	Upjohn Company Fund for Study of Perennial Intractable Asthma u/d Dr. Lowell	5,000.00
	Carried forward	$1,178,043.57

	Brought forward		$1,178,043.57
5423	U.S. Public Health Service Fund for Study of Plasma and Connective Tissue Glycoproteins in Normal and Rheumatic Disease Subjects u/d Dr. Schmid		2,100.00
5424	American Cancer Society Fund for Study of A.T. Pase in Normal and Leukemic Leukocytes and on Interrelationship between A.T. Pase and Glycolytic Rate u/d Dr. Beck		7,500.00
5428	U.S. Public Health Service Fund for Study of Composition, Function and Malfunction of Tissue u/d Dr. Gross		33,098.00
5430	Sundry Gifts for Allergy Clinic u/d Dr. Lowell		
	Mrs. William T. Aldrich	$ 200.00	
	Anonymous	4,000.00	
	Mr. Charles R. Carney	1,500.00	
	Mrs. Lewis I. Prouty	1,000.00	6,700.00
5437	Helen Hay Whitney Foundation Fund for Research u/d Dr. Karl Schmid		5,250.00
5439	Helen Hay Whitney Foundation Fund for Study of Connective Tissue Diseases u/d Dr. Batchelor		13,000.00
5440	Helen Hay Whitney Foundation Fund for Research Fellowship for Dr. Batchelor		5,250.00
5446	U.S. Public Health Service Fund for Study of the TAMe and LEE Esterase Activity of Human Sera u/d Drs. Bauer and Austen		2,300.00
5451	New England Chapter Arthritis & Rheumatism Foundation Fund for Survey of Rheumatoid Arthritis Patients in the Clinic u/d Dr. Calkins		3,000.00
5454	American Heart Association Fund for Fellowship Expense Grant for Dr. J. Gross		500.00
5459	Helen Hay Whitney Foundation Fund for Study of Proteins and Glycoproteins of Connective Tissue and Serum u/d Dr. Bauer		18,226.80
5460	U.S. Public Health Service Fund for Study of the Soluble Protein Components of Connective Tissue u/d Dr. Schmid		9,238.00
5484	Arthritis and Rheumatism Foundation Fund for Support of Dr. Alan S. Cohen u/d Dr. Bauer		500.00
	Carried forward		$1,284,706.37

	Brought forward		$1,284,706.37
5489	Miss Aimee Lamb Fund for Medical Research u/d Dr. Bauer		
	Mr. and Mrs. Roger W. Eckfeldt	$ 200.00	
	Howard Hughes Medical Institute	5,600.00	
	Mr. Robert M. Sternburg	10.00	5,810.00
5494	National Science Foundation Fund for Support of Research of Uridine-Diphosphate-Amino Sugar Derivatives u/d Dr. Jeanloz		3,400.00
5502	U.S. Public Health Service Fund for Study of Carbohydrate Components of Connective Tissues u/d Dr. Jeanloz		11,700.00
5504	Helen Hay Whitney Foundation Fund for Fellowship for Dr. Edwin Eylar u/d Drs. Jeanloz & Schmid		4,000.00
5517	American Heart Association Fund for Study of Chemistry and Biochemistry of Heparins u/d Dr. Jeanloz		3,300.00
5518	Arthritis & Rheumatism Foundation Fund for Fellowship for Dr. Borge Larsen u/d Dr. Calkins		500.00
5519	New England Chapter Arthritis and Rheumatism Foundation Fund for Library and Lecture Expenses u/d Dr. Gross		500.00
5520	Sundry Gifts for Support of Laboratory u/d Dr. Albright		
	Ayerst Laboratories	$ 750.00	
	E. R. Squibb & Sons	5,000.00	5,750.00
5521	U.S. Public Health Service Fund for Study of Extracellular Hyaline Substance Especially Relating to Rheumatoid Arthritis u/d Dr. Calkins		9,583.00
5526	Helen Hay Whitney Foundation Fund for Fellowship for Dr. Fulton Jackson u/d Dr. Gross		6,000.00
5529	Arthritis & Rheumatism Foundation Fund for Fellowship for Dr. William Burgi		500.00
5530	Mallinckrodt Chemical Works Fund for Purpose of Supplementing Dr. Albright's Salary		1,000.00
5531	U.S. Atomic Energy Commission Fund for Study of the Mechanism of the Destruction of Bone u/d Dr. Krane		7,486.00
	Carried forward		$1,344,235.37

	Brought forward		$1,344,235.37
5540	Sundry Gifts for Cardiac Research u/d Dr. P. D. White		
	Mrs. George Bashara	$ 100.00	
	Mr. and Mrs. W. Stephens Mayer	100.00	
	Miss Lillian F. McKeever	100.00	
	In Memory of Mr. Alvah Pierce	25.00	
	Mr. Henry B. Robertson	100.00	425.00
5547	Massachusetts Heart Association Fund for the "Paul Dudley White Fellowship" u/d Dr. Bland		4,140.00
5562	American Heart Association Fund for Study of Chemistry and Biochemistry of Heparins u/d Dr. Jeanloz		1,100.00
5587	Massachusetts Heart Association Fund for Study of Biochemistry of Heart Muscle Contraction u/d Dr. Gergely		5,465.00
5590	Mickles Fund for Cardiac Research u/d Dr. Bland		
	Mr. and Mrs. John B. Mickles	$ 2,500.00	
	In Memory of Mr. John B. Mickles	301.50	2,801.50
5591	U.S. Public Health Service Fund for Biochemical Studies on Cardiac and Skeletal Muscle u/d Dr. Gergely		8,001.13
5592	U.S. Public Health Service Fund for Biochemical Studies on Cardiac and Skeletal Muscle u/d Dr. Gergely		13,772.00
5600	Muscular Dystrophy Association Fund for Paperelectrophoretic Studies on Muscle Proteins u/d Dr. Gergely		
	Adult Fellowship — First Parish Church United		5.00
5604	Muscular Dystrophy Association Fund for Study on Structure and Functions of Contractile Muscle Proteins u/d Dr. Gergely		5,500.00
5609	Life Insurance Medical Research Fund for Studies on the Biochemistry of Heart Muscle u/d Dr. Gergely		5,500.00
5610	Sundry Gifts for Cardiac Research u/d Dr. Bland		
	Anonymous	$ 1,800.00	
	In Memory of Dr. Robert J. Axtell, Jr.	15.00	
	Dr. Edward F. Bland and Associates	18,454.50	
	In Memory of Elizabeth and William Cloney	5.00	
	In Memory of Mr. Nathan Cohen	100.00	
	Mrs. Charles H. Cooper	10.00	
	In Memory of Dr. Loretta Joy Cummins	5.00	
	In Memory of Mr. George Daniels	217.65	
	In Memory of Mr. Leslie D. Hawkridge	25.00	
	In Memory of Miss Katherine F. Hernan	10.00	
	Carried forward		$1,390,945.00

	Brought forward		$1,390,945.00
	Dr. Robert R. Lasker	5.00	
	In Memory of Mr. John Lauro	5.00	
	In Memory of Mr. Louis A. Lulow	15.00	
	In Memory of Mr. Barkaut Maloof	10.00	
	Mrs. Louise McLeod	5.00	
	In Memory of Mrs. Louise Cooper McLeod	65.00	
	In Memory of Mr. A. M. McVie	15.00	
	In Memory of Mr. Dominic P. Mercurio	5.00	
	In Memory of Mr. Thomas Miley	10.00	
	In Memory of Mr. Joseph R. Minevitch	20.00	
	In Memory of Mrs. Kurtz Myers	25.00	
	In Memory of Mr. John Paro	5.00	
	Mr. J. M. Naimo	10.00	
	In Memory of Mrs. Pasqualina Pisano	15.00	
	In Memory of Mrs. Howard B. Sprague	25.00	
	In Memory of Mr. William V. Sreenan	5.00	
	In Memory of Mrs. Florence E. W. Tisdel	130.00	
	Mrs. Lena Trager	1.00	
	Mr. Adolfo Trespalacios	50.00	21,063.15
5617	Pitman-Moore Company Fund for Technician's Salary and Protoveratrine Studies u/d Dr. Currens		1,650.00
5620	Eli Lilly & Company Fund for Study of Hypertension u/d Dr. Currens		3,000.00
5641	Francis Blake Research Fund for Cardiac Research u/d Dr. Bland Mrs. Stephen S. FitzGerald		700.00
5647	U.S. Public Health Service Fund for a Genetic Study of Rheumatoid Fever u/d Dr. Cohen		3,184.64
5650	Stephen Salisbury Fund for Cardiac Research u/d Dr. Bland Mr. Stephen S. FitzGerald		1,000.00
5657	U.S. Public Health Service Fund for a Graduate Training Grant u/d Dr. Bland		11,427.00
5790	Sundry Gifts for Research in Digestive Diseases u/d Dr. Jones		
	Anonymous	$ 2,000.00	
	In Memory of Mr. Howard J. Barnet	520.00	
	The Caplan Brothers	500.00	
	Mr. and Mrs. Hugh S. Ferguson	250.00	
	Mrs. Theodore Greene	500.00	
	Mr. and Mrs. Donald Harding	250.00	
	Dr. Chester M. Jones	50.00	
	Mr. Walter H. Kilham, Jr.	200.00	
	Mr. Raymond W. Lapham	300.00	
	Mr. Dana A. Steele	100.00	4,670.00
	Carried forward		$1,437,639.79

	Brought forward		$1,437,639.79
5797	U.S. Public Health Service Fund for Study of the Metabolic Activity of the Small Intestine during Normal and Abnormal Absorption		8,625.00
5798	U.S. Public Health Service Fund for Basic and Clinical Studies of Intestinal Function u/d Drs. Benson and Jones		8,625.00
5827	King Trust Fund for Study of Infectious Diseases u/d Dr. Swartz		10,000.00
5831	U.S. Public Health Service Fund for Study of Pyridine Nucleotides during Phage Infection of Ecoli u/d Dr. Swartz		6,900.00
5925	U.S. Public Health Service Fund for Study of the Significance of the Pleuropneumonia Group of Organisms and "L" Forms of Bacteria u/d Dr. Dienes		6,498.47
5926	U.S. Public Health Service Fund for Study of the Significance of the Pleuropneumonia Group of Organisms and "L" Forms of Bacteria u/d Dr. Dienes		6,980.00
5936	U.S. Public Health Service Fund for Study of Possible Role of Pleuropneumonia-like Organisms and "L" Forms of Hemolytic Streptococcus in Rheumatic Fever and Rheumatoid Arthritis u/d Dr. Sharp		14,763.00
NEUROLOGICAL SERVICE			
5970	Sundry Gifts for Research u/d Dr. Adams		
	In Memory of Richard Fox	$ 5.00	
	Mrs. George H. Swift	2,000.00	2,005.00
5986	U.S. Public Health Service Fund for a Cooperative Clinical Study of Aneurysms and Acute Subarachnoid Hemorrhage u/d Dr Fisher		6,366.00
5993	U.S. Public Health Service Fund for Study of Vascular Diseases of Human Brain u/d Dr. Fisher		8,723.00
6001	U.S. Public Health Service Fund for Pediatric Neurology Training Grant u/d Dr. Dodge		11,880.00
6007	U.S. Public Health Service Fund for the Comparison of Tuberculin Sensitivity u/d Dr. Waksman		5,572.00
6013	Florence Moulton Fund for Neurological Research u/d Dr. Fisher		
	Mrs. E. W. Perkins		106.00
	Carried forward		$1,534,683.26

	Brought forward	$1,534,683.26
6022	Smith, Kline & French Foundation Fund for Study of the Development and Standardization of a Strain of Rabbits Susceptible to Seizures u/d Dr. Nelhaus	2,000.00
6027	Yale University Fund for Study of Neurology of Instinctive Behavior u/d Dr. Adams	6,670.00
6030	Dr. Madelaine R. Brown Fund for Research u/d Dr. Adams	1,000.00
6046	U.S. Public Health Service Fund for Study of Antigens in Experimental Demyelinative Disease u/d Drs. Adams, Waksman and Folch-Pi	26,159.00
6054	U.S. Public Health Service Fund for Study of Sensory Stimulation of Human Brain u/d Dr. Brazier	14,321.00
6055	U.S. Public Health Service Fund for Study of Sensory Stimulation of Human Brain u/d Dr. Brazier	14,322.00
6065	Schweppe Foundation Fund for Establishment of Pediatric Neurology Unit u/d Drs. Dodge and Adams	5,000.00
6075	U.S. Public Health Service Fund for a Cooperative Clinical Study of Anticoagulant Therapy u/d Drs. Adams and Fisher	5,152.00
6163	U.S. Public Health Service Fund for Study of Psychiatric and Neurologic Diseases Induced by Chronic Alcoholism u/d Drs. Adams and Victor	13,591.00
6175	National Neurological Research Foundation Fund for a Fellowship for Dr. Byron Waksman u/d Dr. Adams	3,000.00
	NEUROSURGICAL SERVICE	
6206	U.S. Atomic Energy Commission Fund for Study of External Localization of Brain Tumors Employing Positron Emitting Isotopes u/d Dr. W. Sweet	28,080.00
6236	American Cancer Society Fund for Study of Relief of Intractable Head and Neck Pain from Cancer by Stereotactically placed Radio-frequency Lesions u/d Dr. Mark	8,925.00
6251	U.S. Public Health Service Fund for Study of Determination of Rates of Transfer of Water and Electrolytes in Central Nervous System u/d Dr. W. Sweet	7,475.00
	Carried forward	$1,670,378.26

	Brought forward		$1,670,378.26
6275	Sundry Gifts for Investigation of Cause of Trigeminal Neuralgia u/d Dr. Ballantine		
	In Memory of Mrs. Elizabeth C. Sprague		60.00
6281	National Foundation for Infantile Paralysis Fund for Supply Grant for Dr. C. Shealy u/d Dr. Ballantine		1,250.00
6292	U.S. Public Health Service Fund for Study of Application of Focused Ultrasound to Neurology u/d Dr. Ballantine		15,683.00
6293	U.S. Public Health Service Fund for Study of Application of Focused Ultrasound to Neurology u/d Dr. Ballantine		17,500.00
6326	U.S. Public Health Service Fund for Study of Blood Brain and Blood Brain Tumor Barriers in Diagnosis and Treatment u/d Dr. W. Sweet		41,400.00
6330	Neurosurgical Research Fund u/d Dr. J. C. White		
	Anonymous	$ 8,000.00	
	Dr. and Mrs. Otis P. Flynt	50.00	8,050.00
6331	Hazel Gannett Memorial Fund for Research u/d Dr. J. C. White		
	Dr. Benjamin Leavitt		50.00
6354	U.S. Public Health Service Fund for Study in Relief of Intractable Pain from Cancer u/d Drs. W. Sweet and Kjellberg		14,907.00
6371	U.S. Atomic Energy Commission Fund for Study of Use of Thermal and Epithermal Neutrons in Treatment of Neoplasm u/d Dr. W. Sweet		39,517.12
6372	U.S. Atomic Energy Commission Fund for Study of Use of Thermal and Epithermal Neutrons in Treatment of Neoplasm u/d Dr. W. Sweet		38,100.00
6396	U.S. Public Health Service Fund for Study of Aneurysms and Subarachnoid Hemorrhages u/d Dr. W. Sweet		9,583.00
6410	U.S. Public Health Service Fund for Study of the Blood Brain Barrier with Isotopes u/d Dr. Bakay		9,163.53
6411	U.S. Public Health Service Fund for Study of Blood Brain Barrier with Isotopes u/d Dr. Bakay		7,475.00
6430	Sundry Gifts for Research u/d Dr. Sweet		
	Mrs. Harry M. Ford	$ 500.00	
	In Memory of Mrs. Sarah Scheff	2.00	502.00
6460	June Rockwell Levy Foundation Fund for Research u/d Dr. Sweet		18,750.00
	Carried forward		$1,892,368.91

	Brought forward		$1,892,368.91
ORTHOPEDIC SERVICE			
6740	Smith-Petersen Foundation Fund u/d Dr. Aufranc		3,309.72
6745	Fracture Book Fund u/d Dr. Cave		
	Dr. Edwin F. Cave	$ 500.00	
	Miss Marion B. Farnsworth	50.00	550.00
6755	Sundry Gifts for Research u/d Dr. Brown		
	Anonymous		4,000.00
6760	Sundry Gifts for Foot Research Study of Sling Operation u/d Dr. Joplin		
	Dr. Robert J. Joplin	$ 900.38	
	Miss Gloria Perry	215.00	
	Mrs. Charles H. Pettit	500.00	
	Dr. Marie Rogowski	100.00	
	Mr. James Gordon Scott	250.00	
	Mr. Leon J. Theriault	100.00	
	50 Donors of under $100.00	621.74	2,687.12
6775	Sundry Gifts for the White 9 Rehabilitation Unit u/d Dr. DeLorme and Mr. Martin		
	In Memory of Mr. Robert Mason		247.00
6791	John A. Hartford Foundation Fund for Study of Molecular Biology of Mineralization u/d Dr. Brown		64,668.00
6795	Sundry Gifts u/d Dr. Aufranc		
	Mr. Gordon Anderson	$ 100.00	
	Miss Anne Huggard	150.00	
	Mrs. T. Ingalls	8.30	
	Dr. Richard B. Pippitt	200.00	
	Dr. D. H. Rosenblum	1,000.00	
	Mr. and Mrs. J. Scheck	5.00	
	Ambassador and Mrs. Philip Young	100.00	1,563.30
6845	King Trust Fund for Study of Formation and Construction of Bones u/d Dr. Glimcher		10,000.00
6874	Medical Foundation Fund for Research Fellowship for Dr. Glimcher u/d Dr. Brown		8,840.00
6900	Sundry Gifts for Research u/d Dr. Barr		
	Mr. George Burton	$ 50.50	
	Mr. Andrew E. Case	20.00	
	Mr. Charles S. Elkind	100.00	
	Mr. Luis Lobo Guerrero	50.00	
	Dr. Benjamin Leavitt	100.00	
	Dr. Lamar Soutter	300.00	620.50
	Carried forward		$1,988,854.55

	Brought forward		$1,988,854.55
PATHOLOGY DEPARTMENT			
6905	American Cancer Society Fund for Study of Pathogenesis of Cancer u/d Dr. Taft		7,500.00
6912	U.S. Public Health Service Fund for Fellowship Supply Grant for Dr. Fairfield Goodale u/d Dr. Castleman		500.00
6960	Sundry Gifts u/d Dr. Castleman Mr. Harold T. White		1,000.00
6973	U.S. Public Health Service Fund for Study of Nature of Neutral Red Granule Formation u/d Dr. Morgan		2,300.00
6983	U.S. Public Health Service Fund for Study of Myasthenia Gravis u/d Dr. Castleman		5,334.36
6984	U.S. Public Health Service Fund for Study of Myasthenia Gravis u/d Dr. Castleman		5,500.00
6993	Tracy B. Mallory Memorial Library Fund u/d Dr. Castleman		
	Dr. and Mrs. William S. McCune	$ 10.00	
	Dr. Howard B. Sprague	10.00	20.00
7006	U.S. Public Health Service Fund for Study of Endocrine Glands and Neoplastic Disease u/d Dr. Castleman		30,000.00
7015	U.S. Atomic Energy Commission for Collection, Storage and Use of Human Cadaver Marrow u/d Drs. Castleman and Ferrebee		24,512.00
7026	Massachusetts Heart Association Fund for Study of Functional Examination of the Heart at Autopsy u/d Dr. Castleman		2,817.50
7035	U.S. Public Health Service Fund for Training Program in Pathology u/d Dr. Taft		12,420.00
7048	U.S. Public Health Service Fund for Study of Ultrastructure of the Kidney in Various Pathological Conditions u/d Dr. Castleman		17,564.67
7051	U.S. Public Health Service Fund for Study of Quantitative Histochemistry of Human Liver Disease u/d Drs. Taft and Scott		9,118.00
PEDIATRIC SERVICE			
7126	American Cancer Society Fund for Study of Effect of Aged Platelets in Thrombocytopenia u/d Dr. McGovern		3,063.00
	Carried forward		$2,110,504.08

	Brought forward			$2,110,504.08
7150	Sundry Gifts for Leukemia Research u/d Dr. McGovern			
	In Memory of Carol Ann Davis	$	591.50	
	In Memory of Jane Farley		405.75	
	In Memory of Stephen Lincicum		100.00	
	In Memory of Brian McQuaid		181.00	
	In Memory of Arthur Wicks		500.00	1,778.25
7255	Upjohn Company Fund for Research u/d Dr. Talbot			5,000.00
7266	Gail Stewart Fund for Clinical Investigation of Encephalitis and Related Central Nervous System Diseases in Children u/d Dr. Butler			
	Mr. and Mrs. Edward F. Stewart			60.00
7270	Sundry Gifts for Research u/d Dr. Butler			
	Mead Johnson & Company			500.00
7275	Sundry Gifts for Diabetic Research u/d Dr. Butler			
	Mrs. John H. Johnson			100.00
7305	Sundry Gifts for Purchase of Toys for Burnham Building			
	General Amusement Game Company ..			25.00
7342	U.S. Public Health Service Fund for Graduate Training Grant u/d Dr. Talbot			13,000.00
7360	Sundry Gifts for Research on Pancreatic Fibrosis u/d Dr. Butler			
	In Memory of Albert O. Wilson			336.50
	PHARMACY DEPARTMENT			
7420	Gilman Brothers, Inc. Fund for Purchase of Certain Equipment for the Pharmacy			500.00
	PHYSICAL THERAPY			
7495	U.S. Office of Vocational Rehabilitation Fund for Traineeship in Physical Medicine u/d Dr. Watkins			3,125.00
7496	U.S. Office of Vocational Rehabilitation Fund for Traineeship in Physical Medicine u/d Dr. Watkins			3,125.00
7500	Pope Foundation Fund for Research in Physical Therapy and Rehabilitation			
	Drs. T. L. DeLorme and A. L. Watkins	$	72.80	
	Bequest of Isabella L. Whittier		500.00	572.80
	Carried forward			$2,138,626.63

	Brought forward		$2,138,626.63
	PSYCHIATRIC SERVICE		
7537	U.S. Public Health Service Fund for Training in Clinical Psychiatry u/d Dr. Lindemann		11,854.80
7538	U.S. Public Health Service Fund for Training in Clinical Psychiatry u/d Dr. Lindemann		14,296.00
7542	U.S. Public Health Service Fund for Training in Preventive Psychiatry u/d Dr. Lindemann		9,477.35
7543	U.S. Public Health Service Fund for Training in Preventive Psychiatry u/d Dr. Lindemann		22,777.00
7569	U.S. Public Health Service Fund for Grant-in-Aid for Dr. Thomas Hackett u/d Dr. Lindemann		500.00
7572	U.S. Public Health Service Fund for Grant-in-Aid for Dr. Richard Peebles u/d Dr. Lindemann		500.00
7573	The Medical Foundation Fund for Research Fellowship for Dr. Frank Ervin u/d Dr. Lindemann		8,840.00
7581	U.S. Public Health Service Fund for Training for Social Workers in Community Health u/d Dr. Lindemann		11,472.58
7582	U.S. Public Health Service Fund for Training for Social Workers in Community Health u/d Dr. Lindemann		16,145.00
7595	Sundry Gifts for Psychiatric Research u/d Dr. Gardner Quarton Miss Charlotte B. Smith		165.00
7605	Sundry Gifts to the Psychiatric Department u/d Dr. Stanley Cobb Mrs. Potter Boardman Dr. Stanley Cobb Miss Charlotte B. Smith	$ 135.00 5.48 60.00	200.48
7629	U.S. Public Health Service Fund for Study of Emotional Factors in Children with Rheumatoid Arthritis u/d Drs. Blom and Long		15,706.00
7660	Sundry Gifts u/d Dr. Blom Miss Marion B. Farnsworth		200.00
7665	Dr. Gaston E. Blom Fund for Treatment of Children with Problem of Retarded Development Mr. and Mrs. James H. Clark		5,000.00
	Carried forward		$2,255,760.84

	Brought forward			$2,255,760.84
7682	U.S. Public Health Service Fund for Training in Child Psychiatry u/d Dr. Lindemann			17,576.55
7683	U.S. Public Health Service Fund for Training in Child Psychiatry u/d Dr. Lindemann			19,334.00
	RADIOLOGY DEPARTMENT			
7735	American Cancer Society (Mass. Division) Fund for Study by Cineflurography of Normal and Altered Urinary Tract u/d Dr. Potsaid			4,646.00
7736	American Cancer Society (Mass. Division) Fund for Study by Cineflurography of Normal and Altered Urinary Tract u/d Dr. Potsaid			3,500.00
7815	Sundry Gifts u/d Dr. Robbins			
	Mrs. E. F. W. Bartol	$	50.00	
	Mr. and Mrs. W. S. Brewster		15.00	
	Mrs. Russell G. Hemenway		100.00	
	Mr. Joseph Shuldice		500.00	665.00
	SOCIAL SERVICE			
8023	American Cancer Society (Mass. Division) Fund for Ancillary Relief for Patients with Cancer u/d Miss Barbour			600.00
8040	William H. Coburn Fund for Baker Memorial Social Service			
	Ms. Rose L. Dickinson	$	5.00	
	Ms. Elsie R. Riddell		50.00	55.00
8070	Committee of the Permanent Charity Fund for Social Service Relief			1,750.00
8250	Ladies' Visiting Committee Fund for Social Service Relief			500.00
8280	Jessie Gwendolen Morse Fund for Social Service Relief			
	Miss Jessie Gwendolen Morse	$	400.00	
	Miss Delia Zine		10.00	410.00
8370	Sundry Gifts for Social Service Relief for Children with Heart Disease Committee for Home Care of Children With Heart Disease			200.00
8375	Dr. W. Franklin Wood Memorial Fund u/d Miss Barbour In Memory of Dr. W. Franklin Wood			1,223.00
8400	Sundry Gifts for Christmas Presents for Patients			
	Boston Rotary Victory Club	$	100.00	
	Mary A. Crabtree Christmas Fund		150.00	
	Miss Mabel Louise Riley		25.00	
	Mrs. Doris E. Sawyer		10.00	285.00
	Carried forward			$2,306,505.39

	Brought forward			$2,306,505.39
8460	Helen Snow Memorial Fund for Social Service Relief			
	Miss Charlotte Rea	$	50.00	
	Mr. and Mrs. R. A. Thorndike		25.00	75.00
8470	Sundry Gifts u/d Miss Barbour			
	Bequest of Miss Amy B. Edmond			4,000.00
	SURGICAL SERVICE			
8550	Weld Surgical Instrument Fund for Purchase and Maintenance of Surgical Instruments for the General Operating Room			
	Anonymous			5,000.00
8551	U.S. Public Health Service Fund for Study of Nervous and Humoral Control of Gastric Secretion u/d Dr. Waddell			8,348.00
8557	American Cancer Society (Mass. Division) Fund for Pilot Study for Detection of Malignant Tumor Cells in Peripheral Blood u/d Dr. Raker			1,006.25
8558	American Cancer Society (Mass. Division) Fund for Pilot Study for Detection of Malignant Tumor Cells in Peripheral Blood u/d Dr. Raker			3,623.00
8567	King Trust Fund for Study of Early Phases of Infection u/d Dr. Burke			7,500.00
8580	William S. Eaton Fund for Special Research u/d Dr. Weille			
	The Eaton Foundation, Inc.			19,000.00
8597	Massachusetts Heart Association Fund for Fellowship for Dr. Hugo M. Palazzi u/d Dr. Nardi			6,500.00
8612	U.S. Public Health Service Fund for Study in Intercellular Components in Wound Healing Architecture u/d Dr. Grillo			3,320.00
8621	U.S. Public Health Service Fund for Study of Fluid and Electrolyte Changes in Wound Healing u/d Dr. Raker			13,034.00
8629	Massachusetts Heart Association Fund for Fellowship for Dr. F. R. Coughlin, Jr. u/d Dr. Scannell			1,380.00
8636	Sundry Gifts for Study of Gastrointestinal Diseases u/d Dr. Bartlett			
	Mrs. Donald F. Harding			250.00
8645	U.S. Public Health Service Fund for Study in Biochemical Changes Associated with Hepatic Coma and Diseases of the Liver u/d Dr. McDermott			2,387.00
	Carried forward			$2,381,928.64

	Brought forward		$2,381,928.64
8646	U.S. Public Health Service Fund for Study of Biochemical Changes Associated with Hepatic Coma and Diseases of the Liver u/d Dr. McDermott		9,548.00
8664	U.S. Public Health Service Fund for Study of Wound Contracture and Its Effects u/d Dr. Paul Russell		4,313.00
8670	Sundry Gifts for Surgery u/d Dr. Cave		
	Mr. and Mrs. J. Scheck		5.00
8675	U.S. Public Health Service Fund for Studies on Early Infectious Inflammation u/d Dr. Burke		8,527.00
8687	U.S. Public Health Service Fund for Study of Visualization of the Pancreas u/d Dr. Nardi		3,177.00
8726	Gustavus and Louise Pfeiffer Foundation Fund for Fellowship for Dr. Alexander Villegas		4,100.00
8756	Massachusetts Heart Association Fund for Experimental Direct Approach to the Aortic Valve u/d Dr. Scannell		2,990.00
8776	American Cancer Society Fund for Study of the Relation of Osteolytic Lesions in Bone to Magnesium Metabolism u/d Dr. Cope		3,969.25
8790	Sundry Gifts for Peripheral Vascular Investigation u/d Dr. Linton		
	Mr. C. Eugene Johnson	$ 250.00	
	Dr. George V. Leach	300.00	
	In Memory of Beatrice Loftus	10.00	560.00
8803	U.S. Public Health Service Fund for Study of Peripheral Arteriosclerosis of the Lower Extremity u/d Dr. Linton		13,392.00
8820	Sundry Gifts u/d Dr. Cope		
	Anonymous	$ 800.00	
	Mrs. B. W. Baird	200.00	
	Miss Elsie DeNormandie	250.00	
	Mr. Grenville R. Holden	500.00	
	Mr. Harry Lefrak	2,000.00	
	Dr. and Mrs. John P. Spiegel	200.00	
	Mr. William Sterling Youngman, Jr.	200.00	4,150.00
8826	U.S. Public Health Service Fund for Study of Cardiac Muscle Composition in Health and Disease u/d Drs. Cope and Barnes		4,000.00
	Carried forward		$2,440,659.89

	Brought forward		$2,440,659.89
UROLOGY SERVICE			
8951	U.S. Public Health Service Fund For Research on the Localization of Renal Calculi with Sr^{85} and P^{32} u/d Dr. Leadbetter		4,710.00
8980	Sundry Gifts for Urological Research u/d Dr. Leadbetter		
	American Urological Association, Inc.	$ 2,500.00	
	In Memory of Mr. Campbell Bosson	1,425.00	
	Mr. and Mrs. Dudley Meek	250.00	
	Dr. Gabriel H. Shohet	100.00	4,275.00

McLEAN HOSPITAL FUNDS

003	Edward Stanley Abbot Memorial Fund Bequest of Mrs. Marion W. Abbot		213.33
100	Sundry Gifts u/d the Director		
	Mr. Martin R. Haase	$ 10.00	
	Mr. Philmore J. Haber	50.00	
	Mr. William F. Hayden	100.00	
	Mr. Gustav Hirsch	100.00	
	Miss Irene Hirsch	10.00	
	Mr. and Mrs. Harvey P. Hood	500.00	
	Mrs. Louis R. Porteous	150.00	
	The Sciences and Arts Foundation	500.00	1,420.00
150	Frank Attwill Newlin Fund for the Purchase of Table Delicacies for the Patients Bequest of Frank Attwill Newlin		4,610.00
195	Dane-Altschule Fund for Research u/d Dr. Altschule Trustees u/w Davis H. Dane		500.00
215	American Cancer Society Fund for Study of Brain Strandin u/d Dr. Folch-Pi		6,296.25
240	The Ford Foundation Fund for Research on the Dynamic Biochemistry of Brain Structural Components u/d Drs. Folch-Pi and Pope		63,437.00
356	U.S. Public Health Service Fund for Research in the Chemistry of Brain Lipides u/d Dr. Folch-Pi		2,454.11
385	U.S. Public Health Service Fund for Quantitative Histochemical Studies Upon Cerebral Cortex u/d Drs. Pope and Hess		9,230.00
401	U.S. Public Health Service Fund for Graduate Training Grant u/d Dr. Stanton		2,890.40
	Carried forward		$2,540,695.98

	Brought forward		$2,540,695.98
402	U.S. Public Health Service Fund for Graduate Training Grant u/d Dr. Stanton		23,963.00
410	U.S. Public Health Service Fund for a Cross-Cultural Comparison of Schizophrenic Cases u/d Dr. Parsons		6,463.00
420	U.S. Public Health Service Fund for Third International Neurochemical Symposium Expenses u/d Mr. Burley		10,062.00
421	Rockefeller Foundation Fund for Third International Neurochemical Symposium Expenses u/d Mr. Burley		10,000.00
450	U.S. Public Health Service Fund for Support of Work being Conducted by Miss G. Edinburg and Dr. K. Spencer		1,998.00
	TOTAL INCOME FUNDS		$2,593,181.98
	TOTAL PRINCIPAL FUNDS	$1,708,075.47	
	TOTAL INCOME FUNDS	$2,593,181.98	$4,301,257.45

HENRY R. GUILD
Treasurer

ONE HUNDRED AND FORTY-FIRST

ANNUAL REPORT

OF THE

McLEAN HOSPITAL

A DIVISION OF THE

MASSACHUSETTS GENERAL HOSPITAL

1958

BELMONT

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Assistant Administrator
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Administrative Assistant
Henry J. Langevin, M.S. Psych. Nurs., M.S.H.A.

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Charlotte L. Donaldson, B.A., B.S.

Executive Assistant
Willa F. Pasho, B.S. (Administration)

Grounds and Transportation
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Housekeeping
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Laundry
Harold F. Smith

Personnel
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Pharmacy
George R. Zager, Reg. Ph., M.S.

Plant and Maintenance
Russell H. Baxter
Milton J. MacKinnon, Assistant

Psychiatric Social Work
Golda Edinburg, M.S.S.S.

Psychology
Irene R. Pierce, PH.D.

Purchasing
Alexander Armour

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Margaret C. Tibbetts, R.N., B.S. in Nurs. Ed.

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George B. Durham, R.N., A.A., TH.M., B.S.
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Robert J. Robertson, R.N., B.S.

Assistant Director of School of Nursing
Mildred C. Makin, R.N., B.S. in Nurs. Ed., ED.M.

McLEAN HOSPITAL STAFF

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James B. Ayer, M.D., *Neurologist*
Stanley Cobb, M.D., *Psychiatrist*
Harry C. Solomon, M.D., *Psychiatrist*
Paul D. White, M.D., *Cardiologist*

Psychiatrist in Chief

Alfred H. Stanton, M.D.

Associate Psychiatrist in Chief

Paul M. Howard, M.D.

Psychiatrists

Erich Lindemann, M.D.
Elizabeth R. Zetzel, M.D.

Attending Psychiatrists

Morris H. Adler, M.D.
William F. Murphy, M.D.
Samuel Silverman, M.D.
Henry Wermer, M.D.

Associate Psychiatrists

Willis H. Bower, M.D.
Edward M. Daniels, M.D.
Stanley H. Eldred, M.D.
Merton J. Kahne, M.D.
Maria Lorenz, M.D.

Associate Attending Psychiatrists

P. Stefan Kraus, M.D.
Norman E. Zinberg, M.D.

Assistant Psychiatrists

Arthur J. Cain, M.D.
Jacob Christ, M.D.
Francis Laurent A. de Marneffe, M.D.
Dorr F. Hallenbeck, Jr., M.D.
James A. Haycox, M.D.
Maurice Vanderpol, M.D.
Mark M. Walter, M.D.
Stephen L. Washburn, M.D.

Assistant Attending Psychiatrists

Ruth Beuscher, M.D.
Mignon C. Chasen, M.D.
Herbert S. Cline, M.D.
Hadassah Daniels, M.D.
Chester d'Autremont, M.D.
Francis C. Hersey, M.D.
Charles E. Magraw, M.D.
Harold D. Stalvey, M.D.
William D. Temby, M.D.
Frederick E. Whiskin, M.D.
Edward L. Zarsky, M.D.

Clinical Assistants in Psychiatry

George Chalpin, M.D.
John G. Clark, M.D.
Richard E. Cutler, M.D.
Edwin M. Davidson, M.D.
Samuel L. Mogul, M.D.

Clinical Fellows in Psychiatry

John H. Dwyer, M.D.
Eda M. Kahana, M.D.—Until September 30
Ruth M. Murphy, M.D.—Until August 31
Theodore Sack, M.D.
Robert T. Spalding, M.D.—July 1
Alan A. Stone, M.D.

Resident Psychiatrists
As of January 1, 1959, with subsequent appointments

Robert E. Ball, M.D.
Joseph H. Brenner, M.D.—July 1
Lloyd M. Caplan, M.D.
Paul R. Dinsmore, M.D.—July 1
Gerhart A. Duda, M.D.—July 1
Jacqueline Gauthier, M.D.—Until June 30
Harry U. Grunebaum, M.D.—September 1
Barbara C. Gurd, M.D.—Until June 30
S. Sheila Hafter, M.D.—July 1
James C. Healey, M.D.—July 1
Lee Jackson, M.D.—Until August 31
John M. Kuldau, M.D.—July 1
Herbert R. Lazarus, M.D.—Until June 30
Neuman S. Mittel, M.D.—Until June 30
Egbert H. Mueller, M.D.
Charles W. Neville, M.D.—Until June 30
Harry S. Olin, M.D.—July 1
Jalna Ann Perry, M.D.—Until June 30
Jack O. Rice, M.D.—Until June 30
Phelps M. Robinson, M.D.
Herbert C. Wimberger, M.D.—Until June 30
Jacob C. Wolterbeek, M.D.—July 1

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Mark D. Altschule, M.D.

Assistants in Medicine
Virginia B. Calkins, M.D.
Thomas C. Hall, M.D.

Clinical Assistants in Medicine
William A. Hall, M.D.
George M. Perrin, M.D.

DEPARTMENT OF PHYSICAL MEDICINE

Assistant in Physical Medicine
John G. Bisgrove, M.D.

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Jordi Folch-Pi, M.D.

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Fritz A. Lipmann, M.D.
Alfred H. Stanton, M.D., *Ex-officio*

Neuropathologist
Alfred Pope, M.D.

Associate Neuropathologist
Helen H. Hess, M.D.

Assistant Neuropathologist
Clinical Assistant in Neurology
Pierre M. Dreyfus, M.D.

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Francis N. LeBaron, PH.D.
Marjorie B. Lees, PH.D.

Assistant Biochemists

George P. Hauser, PH.D. Mudlagiri K. Gaitonde, PH.D.

Research Fellows in Biochemistry

Luigi Amaducci, M.D. Joseph Greaney, M.D.
Geoffrey R. Webster, M.D.

Dental Surgeon

Gilman W. Haven, D.D.S.

Anesthetist (Acting)

F. Harold Brown, M.D.

Roentgenologist

Majic S. Potsaid, M.D.

DEPARTMENT OF SOCIAL SCIENCE

Associate Social Anthropologist

Robert N. Rapoport, PH.D.

Associate Sociologist

Rose L. Coser, PH.D.

Research Associate in Social Anthropology

Katherine Spencer, PH.D.

Assistant Social Anthropologists

Anne Parsons, PH.D.
Donald A. Kennedy, PH.D.

Assistant Sociologist

Norman W. Bell, PH.D.

Assistant Social Scientist

Murray Melbin. PH.D.

Research Assistant in Social Science

Bernard E. Segal, B.A.

DEPARTMENT OF PSYCHOLOGY

Chief Psychologist

Irene R. Pierce, PH.D.

Associate Psychologist

Lewis Sherman, PH.D.

Assistant Psychologists

Charles B. Dawson, B.A., M.S. Robert D. Schnitzer, B.A., M.S.
Mildred E. Swinson, M.A.

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Golda M. Edinburg, B.A., M.S.S.S.

Supervisor
Martha M. Norton, B.A., M.S.W.

Psychiatric Social Workers
M. Leonor Herrera, B.A., S.M.
Ellen Isenberg, B.A., S.M.
Elizabeth Johnston, B.A., S.M.
Henry Mirsky, MUS.B., S.M.
Marianne Sommerfeld, A.B., A.M., S.M.
Gretchen O. Swift, B.S., M.S.S.S. (Admissions)

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Robert J. Robertson, R.N., B.S.

Assistant Director of School of Nursing
Mildred C. Makin, R.N., B.S. in Nurs. Ed., ED.M.

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Assistant Instructor in Psychiatric Nursing
James S. Downey, R.N.

Instructor in Nursing
John J. Grady, Jr., R.N., B.S. in Nursing

Assistant Instructor in Nursing
Marjorie R. Horgan, R.N., S.B.

Instructor in Sciences
Mary Isabel Newton, B.S., M.A.

Head Nurse, Health and Operating Room
June M. Thompson, R.N.

Administrative Assistant
Ruth MacLeod, R.N.

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Audrey S. Hurley, R.N.
Virginia B. Ladd, R.N.
Donald J. MacLean, R.N.
JoAnn McElravy, R.N., B.S.
John P. Pitcherale, R.N., B.S. in Nurs. Ed.
Mary P. Shea, R.N., B.S. in Nurs. Ed.
JoAnne F. Swanson, R.N., B.S. in Nurs. Ed., M.S. in Psych. Nurs.

Supervisor of In Service Education
Audrey R. Miller, R.N.

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Elaine S. Pinkham, O.T.R.

Music Director
Homer P. Whitford, D. Music

Supervisor in Physical Therapy
Katherine A. O'Connell, R.P.T.

Supervisor in Recreational Therapy
Ada A. Roth, B.S., R.P.T.

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Report of the Psychiatrist in Chief

To the Trustees of the Massachusetts General Hospital:

The Report for the Fiscal Year Ended September 28, 1958 is respectfully submitted.

CLEARLY the most important matter to report for the past year is the decision of the hospital to continue strengthening its clinical services and research and educational activities in the face of a progressive fall in the number of patients and an accompanying serious deficit. Looking back upon this decision after the number has increased again, one can say the right decision was made.

Other private psychiatric hospitals also felt what apparently was the pinch of the recession, as indeed did general hospitals, for the problems of financing hospital care are serious for all types of hospitals. Nevertheless, the private psychiatric hospital is in a special position since, in contrast to general hospitals, the state governments have taken the responsibility of providing psychiatric hospital care, and do in fact care for the great majority of psychiatric patients who are in hospitals at any one time. A large deficit, then, is always a stimulus to re-examination of the function of the private hospital.

In spite of the size of the government hospitals, the voluntary hospitals supply an appreciable proportion of psychiatric service; for instance, a large majority of all first psychiatric hospital admissions in the United States is to private hospitals. They usually serve as the first base of serious coordinated attack upon any psychiatric illness which has either become too acute or too complex to be best handled in the office of the psychiatrist or practicing physician, or which requires treatment of a type only available in a hospital. During the past year, McLean has tried to improve its effectiveness by considerably strengthening procedures for working very closely with the community physician—who is usually the first professional person to recognize developing psychiatric disorder—sometimes arranging for him to continue treating the patient in active collaboration with the hospital nuclear staff. The active treatment program has meant a very heavy sacrifice for the families of patients since help in bearing the cost is not available from the state nor, in most cases, from hospital insurance. It is assuring to find that over the country the initial discrimination against psychiatric treatment by

hospital insurance organizations is slowly giving way to more realistic and socially responsible practices. McLean then offers to all its patients the practical chance at receiving intensive treatment wherever it is indicated.

Intensive treatment also brings with it opportunities to carry out the best in clinical research and in the education of the many types of persons contributing to the psychiatric enterprise. It was because of the conviction that these functions are indispensable that the decision to continue developments in the face of the deficit was made. Support of the hospital research effort by outside agencies, and a subsequent substantial increase in census both seem to support the wisdom of the decision.

The hospital did considerably increase its clinical services to patients. Both the psychiatric and the resident staff were considerably increased; about 100 patients were simultaneously in intensive psychotherapy, the most time-consuming of the clinical programs. Indirect increases in clinical services are harder to single out, but several innovations were prominent. The active secretarial service to the psychiatrists and other clinical services has come to be so effective in helping relatives reach physicians, reporting to referring physicians, and releasing the psychiatrists from many individually small but critical duties, that it is hard to see how the hospital got along without it. Regular scheduled medical rounds were started on all wards and resulted in a notable increase in effectiveness of both care and teaching; plans for developing them farther are being worked out. A day hospital program was initiated and about thirty patients were in this program at the end of the year. While not as easily pointed to, the initial planning of treatment was improved by considerably more information from a much enlarged psychological testing program, and the Activity Program was further strengthened by reorganization; the long hours between specific treatment programs may drag terribly in a hospital, or they may become valuable aspects of the hospital experience. Much remains to be solved, but the efforts of the present staff, the increasingly effective patient organizations, and especially of the demonstration project by Miss Louise Frey of group activities in the evening on one ward, are clarifying our needs and our planning. The value of the Social Service Department, our most active department in strengthening the relation between the hospital and the families, was considerably enhanced by Mrs. Martha Norton who joined the department as a supervisor.

For those acquainted with recent studies of mental hospitals, it is

noteworthy how much of the indirect increase in clinical services is in the more effective organization of communication; the private worlds of patients are at least partly matched by private worlds of staff specialists, and of the patients' families, and more effective communications tend to breach the isolation and resulting misunderstandings which are a regular part of psychiatric disorder.

The hospital's research program is noticeably stronger. Drs. Jordi Folch-Pi and Alfred Pope received grants from the Public Health Service and the Kresge Foundation which will permit the expansion of their overtaxed laboratory, providing a real opportunity for them to carry out both the research and training program originally made possible by the Ford Foundation grant. Dr. Stanley Eldred, working with Drs. Mark Altschule and Lewis Sherman, made notable progress toward developing a research group capable of making possible genuinely controlled and quantitative clinical observation in the clinical laboratory metabolic research. Failure to control, and to use the best available measurements of clinical changes, has been responsible for premature conclusions and waste of effort in much of recent psychiatric research. This program is a particularly gratifying development, since McLean offers an unusual potential for combined clinical and laboratory study.

Under Dr. Robert Rapoport's guidance, the Department of Social Science has added a number of highly qualified workers and students; several have come incidental to the training program of the Department of Social Relations in medical social science. The Department now contributes to a considerable number of research studies and to many facets of the educational and clinical programs. Dr. Anne Parsons, working with a grant to the hospital to study cultural factors in delusional structure made what we believe to be the first anthropological field trip ever done under the auspices of a psychiatric hospital. She is studying delusions among Italian women in Naples, comparing them with comparable symptoms in Boston Italo-American women. Social science studies in the medical area are rapidly increasing throughout the country, and the social anthropologists and sociologists are much needed in this developing field.

Strengthening of research was to be expected from the new increase in size of the Psychology Department in spite of their heavy service load, and this has in fact developed.

The psychiatric residency education program has grown in size, degrees of planning, and we believe, in effectiveness. Early in the year,

Dr. Merton Kahne assumed the major responsibility for its planning and management and under his leadership, it has noticeably matured. Formal collaboration with the program of the General Hospital Department of Psychiatry, and informal collaboration with the Department of Psychiatry of the Beth Israel Hospital are now accomplished facts, and have proceeded with little difficulty because of the careful planning and the clearly complementary values the services offer to residents. The residency training program increased in size from two to eight; the offer of a fourth and fifth year of training—since the hospital and its affiliating hospitals offer much more that a resident needs than can be encompassed within the somewhat arbitrary and conventional three years—was used to advantage by two residents. Dr. Elizabeth Zetzel, an experienced and gifted teacher on the psychiatric staff of the General Hospital, made a considerable part of her time available to us and greatly strengthened our teaching program and, with it, the clinical program. Under Mrs. Audrey Miller's direction, an effective and systematic in-service education program for nurses and aides was developed. While only in its initial stages, the productive effects have suggested that after further experience this should be considerably augmented.

While much of the expansion of the hospital program has been supported by outside funds, the underpinnings of the program had to be maintained almost entirely from patient fees, and the year was occupied to a considerable extent in finding ways of saving without interfering with the clinical or research program. Mr. Joseph Prekup, who took this responsibility, achieved considerable success, but came again to an important conclusion—a serious expense is involved in the obsolesence of a significant part of the hospital plant. This costs heavily in significant handicaps in patient care, by inefficient design in the light of modern procedures, and by the increasing costs of simple maintenance. His request for funds to make a full survey of the comparative cost of repair and replacement is a reasonable and very important step in meeting the problem of costs. Even before this is done, steps should be taken to rearrange the units at the hospital so that all patients who are unable to climb steps will be on the first floor. This should permit them to be outdoors in good weather and to take part in many more activities than can be available when they must be carried up and down steps. While this is not an easy undertaking, installation of elevators should await clarification of the prior question of rebuilding.

The long association of McLean with two of its former Directors

came to an end through death during the year. Dr. W. Franklin Wood, whose retirement was announced in the last Annual Report, and whose memory is fresh with many of his close associates, died on January 15, 1958; his loss was keenly felt. Dr. Frederick Packard, Superintendent between 1919 and 1929, and Superintendent Emeritus since that time, died July 15, 1958. His devotion to patient care and support of personnel are still remembered with affection. The loss of Dr. E. Stanley Abbott and Dr. William J. Mixter terminated important associations of many years and of much value.

It is necessary again to emphasize the continuous contribution to the McLean Hospital program by the support of Dr. Erich Lindemann and the psychiatric staff at the General Hospital, of Dr. Dean Clark and Dr. Ellsworth Neumann and their staff, and the value of the consistent interest and expert support of the trustees of the hospital.

ALFRED H. STANTON, M.D.
Psychiatrist in Chief

Report of the Administrator

THE daily operation of every department in the hospital sharply reflects the continuing growth of McLean as a clinical, research and teaching center. Its development through the past year has brought additions to the staff and changes in the physical plant. The entire organization adjusted to the alterations in the plant and supplements to the staff with notable dispatch.

Reorganization in all areas necessitated the establishment of two new administrative positions. Mr. Burton N. Sears was appointed Assistant Administrator and joined us on March 1, 1958. Mr. Henry J. Langevin was named Administrative Assistant and commenced his duties on June 1, 1958. Both men are well qualified for their positions and are welcome and much needed additions to the staff.

Our budget, the first formal one we have had, shows the results of the shift in emhasis in patient care. We had a large deficit despite every effort to improve efficiency without reduction in clinical services. Operating expenses were under the budget by $30,000.00; patient income was off $250,000.00 due primarily to a drop in census. In 1957 the average daily census was maintained at the unprecedented high of 232 patients in contrast to the average daily census this year of 207.

Inflationary trends in our basic economy further complicate budget planning. During the period since 1951, the last year of non-deficit spending, operating expenses increased 112% while operating income rose only 96%. By comparison, expenses for non-governmental long-term hospitals for the same period increased 100%. The inequity between income and expense at the current rate of spending approximates a quarter of a million dollars annually.

Clinical and administrative reorganization during the past three years has added additional expense to the hospital's operation. Another major factor relating to the deficit is the increasing cost of maintaining and trying to improve an obsolete plant.

In order for the hospital to continue functioning at clinical and academic maximums—and in an efficient, economical manner—serious consideration must be given soon to the following:

1. *Distribution of Services*
   Developing methods of rearranging many of the services pro-

vided by the hospital which contribute little towards the patient, yet represent a drain on our resources.

2. *Patient Care Units*
   Developing methods of minimizing the operating expense of our nursing units. Our ward capacities are so low that they are recognized as functionally uneconomical.
3. *Obsolescence of Plant*
   Due not only to aging, but to the outmoded layout within each building.

These weaknesses are so basic to the sound operation of the entire hospital that:

1. Additional funds should be made available to determine the cost of renovation versus the cost of replacement of some patient and service buildings.
2. Funds should be made available for developing a master plan for future construction of new hospital facilities.

An appraisal of the work in each of the departments follows:

One of the areas in which there was maximum reorganization was the Dietary Department. Appointments of trained personnel and the purchase of the proper equipment have brought greater efficiency, and are key factors in balancing income and expenditure. In May, Miss Carmella Clemente was employed as Therapeutic Dietitian on a full-time basis. A trained diet aide has assumed most of the clerical work formerly done by the Dietitian. Now underway is a study of costs for enlarging the dining area by including the former diet kitchen.

The Coffee Shop approached the "break even" point financially in the last two accounting periods after showing a deficit for several years. Mr. Warren Archembault assumed the position of Coffee Shop Manager in the latter part of the year. With the expansion of the hospital volunteer and auxiliary programs, it would be desirable for the Coffee Shop to be operated by one of these groups.

The demands on the Maintenance Department continue to increase. In addition to routine work, the department completed more than a dozen major repair and construction jobs. These projects include the construction of 16 offices, outside painting of several buildings and continuing to replace coal furnaces with oil burners.

In the past year the Personnel Department found the labor market tight for unskilled women, office workers and registered nurses. The

business recession brought more male applicants than usual who were hired for unskilled and semi-skilled jobs. Changes in the state minimum wage laws required revision of the salary scale for laundry workers. Other changes in the statutes require payment of time and one-half for clerical personnel working overtime. It is expected that new classifications of personnel will be brought under the jurisdiction of the wage and hour laws in the near future. The Personnel Policy Committee continues to review all personnel policies and job descriptions.

The high rate of employee turnover in the Housekeeping Department is of concern in view of the time lost in training new personnel. For the first time it was necessary to set up a night cleaning crew for offices in the administration building. This program will be extended into other areas where cleaning can be done more efficiently in the evening. New labor saving equipment has been purchased and further additions of such equipment are planned.

Significant savings have been achieved in the Laundry as the result of a recently inaugurated program for distribution of linen. This system centers the control of linen supplies in the Laundry. More efficient operation has resulted in a reduced work force, and efforts continue to keep the payroll down. The present laundry appliances are adequate except for the large washer which may require replacement during the coming year. Harold F. Smith, Laundry Manager since April 1958, has been able to retain an unusually stable staff with personnel turnover almost non-existent.

The Grounds and Transportation Department bears a major responsibility for maintaining its operations at minimum cost. The subways connecting the major buildings have constituted a maintenance problem for many years due to leakage. To eliminate this leakage, some wooden boardwalks have been replaced by hot-top surface. A total of three-quarters of a mile of roads and driveways have been hot-topped. This is a continuing program which should eliminate all dirt roads on the grounds within three years. Two new temporary parking lots were completed, but the increase of automobile traffic runs ahead of our program and additional permanent lots are needed. This department continues to supply flowers in season to the patient halls and some produce to the Dietary Department during the summer months.

The Pharmacy continues operation on a sound financial basis. Purchase of drugs in bulk and prepackaging of dispensed preparations have cut pharmacy expenses somewhat. The Pharmacy has been located in

new modern quarters. A revised filing system and new catalog for drugs have been completed. More efficient physical arrangement of the department, coupled with careful buying, has enabled the Pharmacy to dispense almost twice as many prescriptions as last year at less cost per unit. The Pharmacy Committee met during the year to improve the overall medication procedure in the hospital and to establish uniform standards for naming drugs.

A new image amplifier was purchased for the Radiology Department and more definitive procedures can now be carried out without subjecting the psychiatric patient to darkness during fluoroscopy. Other major equipment purchases included an electrocardiograph.

A thorough study of requisitioning, stock and inventory in the Purchasing Department has effected more precise methods of accounting and procurement. This results, too, in more prompt distribution of goods to the various departments of the hospital. Lack of storage space remains a major problem since storekeeping areas are located in three different buildings. Considerable savings have been realized by continued participation in group purchasing through the Hospital Purchasing Corporation.

The Safety Committee's program has re-emphasized two major objectives: Prevention and review. In order to orient all hospital employees to proper safety methods, the committee has expanded to include representation from additional areas. Department heads have been encouraged to educate their staff on safety factors relevant to the job. An improved fire procedure has been established. It was first tried in the Nurses' Home and will soon be adopted throughout the hospital. New signs marking exits, fire hoses and extinguishers have been posted. For the review phase, the Safety Committee examined records of all lost-time accidents and recommendations for correction.

The lack of clerical facilities necessitated the establishment of a Secretarial Service for all physicians on the hospital staff. In addition, secretarial service is provided to the departments of Social Work, Psychology and Social Science, resulting in tremendously improved communications between the professional staff and relatives of patients.

With each passing year many problems are resolved and desired improvements become facts of accomplishment. A two-position switchboard will be installed in the near future; the Volunteer Program continues to expand and develop; the publication of "Information for the Professions" developed by Dr. Willis H. Bower has been mailed and

distributed to every psychiatrist in the country and to all physicians in New England; the Community Relations Committee developing methods of carrying our "Hospital Story" to its many "Publics" . . . these few examples signify the many activities of the hospital which are encouraging, indeed.

In conclusion I again wish to express my deep thanks to the trustees for their assistance and understanding. I also wish to express my appreciation to the department heads who have given so much—many have functioned far beyond the limits defined by their jobs to advance the interest of the entire organization.

Respectfully submitted,

JOSEPH T. PREKUP
Administrator

McLean Hospital

Comparative Operating Statement Fiscal Year 1957-1958

	1957-58		1956-57	
PATIENT DAYS	75,542		83,994	
HOSPITAL ACCOUNT				
Gross Earnings	$2,500,918.69		$2,396,515.93	
Other Income	150,468.85	$2,651,387.54	148,349.68	$2,544,865.61
Salaries and Wages	$1,717,030.93		$1,563,009.97	
Supplies and Expenses	907,301.99		800,617.22	
Free Service	194,519.00		201,056.50	
Provision for Bad Debts	29,900.00	2,848,751.92	18,400.00	2,583,083.69
Hospital Deficit		$ 197,364.38		$ 38,218.08
Expenses Charged to Funds		135,922.51		62,877.72
		$ 333,286.89		$ 101,095.80
TREASURER'S ACCOUNT				
Expenses				
Corporation Expense	$ 5,442.37		$ 4,910.23	
Insurance	7,225.19		6,431.31	
Extraordinary Expense	3,000.00	15,667.56	5,740.00	17,081.54
		$ 348,954.45		$ 118,177.34
Income				
Gifts	$ 0		$ 510.00	
Appropriated From				
Investment Income	54,594.71		54,917.89	
Temporary Funds	141,776.86	196,371.57	64,967.72	120,395.61
GAIN ADDED TO GENERAL FUND				$ 2,218.27
DEFICIT WITHDRAWN FROM GENERAL FUND		$ 152,582.88		

Report of the Clinical Service

REPORT of the clinical service of McLean Hospital for 1958 will reflect the continual changes arising during the year as the reorganized hospital structure of the past two and a half years now becomes effective. Most conspicuous is the evolution of the more extensive and comprehensive psychiatric residency education. Other marked changes have occurred in the expansion of the intensive psychotherapy program, the maturation of the clinical administrators' system, the expansion of the social work program, the extension of sociological and clinical psychiatric research, the strengthening of medical care, the revitalization of the medical library and the reorganization of activity therapies. These all cumulate to a massive total of improvements in the clinical service.

We should turn immediately to patient care since this is the nub of our concern. What is the patient's experience of the hospital changes which have evolved? The acute patient has found some striking changes, but care of the longer term patient has been more radically affected. The assignment of a clinical administrator to each hall (some to two halls) has brought a great deal of medical energy to bear upon the more persistent psychiatric illnesses. There has been as a result a marked clinical improvement and betterment of the living conditions of these patients, and the application of an improved quality of care for them. The assignment of regular psychotherapists to many of the longer-staying patients has brought surprising changes, and likewise influential have been nursing, social work, the extension of personal freedoms, privileges, and the improvement of the activities program and voluntary patient activities. Chronic modes of pathological thought and feeling are not allowed to continue without psychotherapeutic and "milieu" interruption, and the engagement of the patient in other processes. It is very gratifying to patients who have been here quite a while to abandon their disturbed and self-limiting ideas and to again live more closely with their fellow men. Some of these patients have gone into the community to live who would not have left the hospital under previous forms of care, and for others who remain, the hospital has itself become a better community.

The acute or short-stay patients have also benefited by the application of more thoughtful methods of diagnosis and planning. The admission halls are gauged especially to the admission process, although they are

somewhat overburdened. Although fewer senior physicians are being concentrated on the new patient, the resident has within one to three weeks made a thoughtful evaluation as to diagnosis and planning.

The Social Work Department has much expanded and gives heretofore unheard-of time to families and to patients. Nursing has continued to improve care; advances have been made in teaching, administration and teamwork with physicians, in the more comprehensive understanding of patients in the hall group, and democratization of relationships with patients under their care. The Activity Therapies Department has been centrally organized and moves toward a greater patient load and better understanding of individuals. The large secretarial service was established for physicians, to free medical time for specialized work, and to establish efficient supervision of detail. The number of changes in the hospital are so extensive and rapid that no single patient or staff member can easily keep an overview of what is going on. Some decrease in the atmosphere of intimacy in the staff has resulted, but the expansions have resulted in something more valuable—more work for patient care.

Further consideration of the effect of clinical administrators shows that they have been able to give a more personal consideration of what the patient needs than has heretofore been possible. The administrator not only takes general charge of the patient and writes orders, but he also tries to work out how the patient looks at and handles reality problems. A more dynamic view of mental health is achieved. The administrator finds a wide variety of illness and personal attitudes needing a range of restrictions and expressions. For this reason our patients have much freedom and are in a "half open" hospital. About a hundred are on varieties of freedoms of the grounds. There are a great number of changes in freedom status and occupation every day. The patient often goes home, into the community, to activities therapy, may go to work or joins one of the voluntary patient groups. Restrictions are sometimes necessary. Thus the patient's social relationships and their possibilities are explored by the team of administrator, nurse and social worker.

The expansion of the individual psychotherapy program has been an advance of which the hospital feels most proud. Individual psychotherapy brings to the patient the chance to talk over his problems (according to different techniques) several times a week at scheduled interviews. We now have a very large program not only in numbers of hours and patients, but also in percentage of patients treated. At the begin-

ning of 1959, there were 118 patients in individual psychotherapy three or more scheduled hours per week. This has been accomplished by using a variety of physicians; residents were treating 34, housestaff 16, attending therapists 20, and private therapists 48. As has been stressed in previous reports, psychotherapy is a treatment which offers many patients the best chance for real character change. It may seem strange that we stress both psychotherapy and social milieu treatment here, but the two are interrelated. Psychotherapy could be thought of as the treatment of the patient's attachment to his social past as it is affecting his present adjustment.

The residency education has been brought into formal collaboration with the program at the Massachusetts General Hospital and also with the program at the Beth Israel Hospital. Some of the residents are receiving the coordinated training of McLean Hospital and one of these hospitals and may be accredited for three years toward certification by the American Board of Psychiatry and Neurology.

Since so much of staff effort goes into making this a teaching hospital, it is justifiable to list the exercises which the resident attends, now that these have been elaborated. There is a formal case study conference of the full staff weekly; an academic presentation of a studied topic every other week; a weekly conference on social aspects of the hospital and some problems of psychotherapy; a twice weekly continuous case conference studying several psychotherapeutic cases over a long period; a conference on group therapy; a two year course of weekly lectures in the program of psychiatric education sponsored by the Department of Psychiatry of Harvard Medical School given by the leading teachers in the Boston area; at least two hours weekly of individual supervision by senior psychiatrists on intensive psychotherapy done by the resident; a weekly case work-up conference directed toward service functions of the hospital to patients; a problem seminar on immediate treatment and management; a case study conference with a senior psychiatrist which is a meticulous study of an individual case; didactic lectures on psychiatry every other week; weekly meetings with ward personnel; lectures and presentations by the Departments of Psychology, Social Work and Social Science; psychiatric lectures to be given by the resident to the nurses; daily meetings and discussions with the clinical administrators of the halls where the resident works as assistant; and daily morning report from all over the hospital. This educational process is in addition to the knowledge a resident gains while doing actual

administrative and psychotherapeutic work with patients, his own discussion, reading, thinking and sometimes his own psychoanalysis. One problem which arises in connection with a heavy training program for psychiatrists (especially for those adding psychoanalytic training) is whether they do not need more leisure for family and community living in order to develop their own necessary maturity of character.

Admissions did not decrease, and patients admitted became better involved in treatment procedures so that they have remained longer; discharges after briefer stays are decreased about eight percent, hence the loss of patients is in the more chronic group. Thus increased treatment and prolonged psychotherapy facilities have resulted in the anomalous effect that acute patients stay longer for the good that can be derived, whereas, chronic patients are so helped that they can leave.

Review of the diagnoses of those discharged does not show much change. We continue to have about as many patients discharged who have not had psychoses as those who have. Statistical "condition on discharge" has not evidently changed, seventy-three percent of discharges being "improved." We have begun, however, to distinguish more carefully between degrees of improvement as the current statistical description of personality change is of limited value. There were twenty-eight deaths, the average age of these was seventy-eight. Thirty-eight percent of the patients are over age sixty-five, and the average age of these is eighty years.

The elaboration of scientific research along clinical lines has brought an intensified scientific atmosphere to the hospital beyond that coming from the educational program with the residents and the Harvard medical students. The most elaborate and thorough scientific study underway is that of the effect of pineal extract on chronic schizophrenia. To this end a number of patients have been brought together on a special ward thus permitting extensive and careful clinical psychological and behavioral studies. This hall has been under the direction of Dr. Stanley Eldred while the physiological studies are done under the auspices of Dr. Mark D. Altschule. Dr. Norman Bell made a sociological study of the milieu on this hall with important clinical implications. A study of paranoid delusional formation was made by Dr. Alan Stone and Dr. Eldred, and Dr. Altschule headed a study on the correlation of eosinophile count with hospital adjustment scale. In other areas Dr. Robert Rapoport has made a study of psychological deprivation in the upbringing of the economically privileged, and Dr. Irene Pierce has underway

experimental studies of perception. Dr. Rose Coser did a group study, not on patients but rather on staff showing the sociological function of laughter in hospital structure. Considerable research efforts have been expended on plans for the future along these various lines. Report of research of biochemical and physiological nature is under a separate heading.

The revitalization and modernization of the Medical Library has added more than seven hundred volumes and three hundred periodicals to the shelves, and entailed extensive study, reorganization and recataloging of the library carried out by Mr. Hector Bossange. Good reference work can now be done here, but there is need for more suitable quarters.

The staff is very grateful to the Trustees, especially to the McLean Committee, for their deep interest in the expanding work of the hospital and their support of our efforts toward better patient care.

Respectfully submitted,

PAUL M. HOWARD, M.D.
Associate Psychiatrist in Chief

McLean Hospital

Statistics For Fiscal Year Ended September 28, 1958

	1958	1957
Patients in Hospital at the Beginning of the Year	212	229
Patients on Visit	14	17
Total	226	246
Average Number of Patients Per Day (In Hospital)	207	231
Patients Admitted During Fiscal Year	261	245
Patients Discharged During Fiscal Year	264	265

Diagnoses on Discharge:

Chronic Brain Disorders:		41
Disorders of Late Life	35	
Other Types	6	
Acute Brain Disorders:		11
Acute Alcohol Intoxication	6	
Drug Intoxication or Poisoning	1	
Other Types	4	
Affective Reactions:		49
Manic Depressive Reaction, Manic Type	17	
Manic Depressive Reaction, Depressive Type	10	
Manic Depressive Reaction, Other	3	
Psychotic Depressive Reaction	5	
Involutional Reaction	14	
Schizophrenic Reactions:		65
Acute Undifferentiated	15	
Schizo-affective	9	
Hebephrenic	1	
Catatonic	2	
Paranoid	30	
Simple	1	
Chronic Undifferentiated	7	
Psycho-physiologic Disorders:		1
Psychoneurotic Disorders:		59
Depressive Reaction	45	
Other	14	
Personality Disorders:		31
Alcoholism	10	
Other	21	
Transient Personality Disorders:		6
Other		1

Conditions on Discharge:

Recovered	2	Unimproved	42
Much Improved	25	Worse	4
Moderately Improved	124	Deceased	28
Slightly Improved	39		

Voluntary Patient Organizations

THE voluntary patient activities at McLean have had an expanding and interesting course during the past year. The Patient Activities Association, the Patient-Personnel Conference, and the Voluntary Patient Workers have all been vigorous, and there have been new developments in the hall meetings and the discussion group on "How Patients Spend their Time."

What aspect of hospital care is indicated in these organizations? We deal with the individual psychopathology of each patient, but this pathology is not an entity which can be treated or even diagnosed in the individual alone. Our interest in this social milieu thus arises from the observation that man in social deprivation is not man at all, and the hospital must be a society, and a good one at that. But previous annual reports have dealt more with the philosophy of these organizations and described their specific accomplishments and character. Hence this report will stress only some illustrative difficulties and successes in their evolution.

It is surprising to find meetings and activities going so well. Patients with all types of illness can repeatedly subordinate personal expression of symptoms to the general task, and each patient makes his personal contribution to the general profit. The obvious limitations of individuals are tolerated and controlled by other patients in the group. But toleration has been only a small part of the ideal, and mutual trust and interest are a stronger element. An illustration of this spirit is the fact that outside speakers coming to McLean find most alert and interested audiences, free with questions and appreciation. New forms and ideas are evolved continuously by patients themselves when they can participate, and as they are treated with a respect for their intellect, talents, humor, and responsiveness.

The staff has paralleled this evolution of new social ideals with freedom for individual patients who can assume more activities in the community. To be able to report such creative imagination in both staff and patients is most heartening.

We must consider now several difficulties that the voluntary organizations faced and view their progress in this light. One of the greatest problems to these societies is the continual decimation of membership by recovery and discharge of individuals from the hospital. Then

the new patients arrive, some quite sick, and usually they are not keen to affiliate with a mental hospital or its patients. Most of these new admissions are won over by personal approach and friendship gradually becoming interested in more social doings. For quite a few the group is never their cup of tea, but instead they keep to their own ideas and ways.

Another difficulty the patient organization faces is heterogeneity of membership. Most societies do not have to draw from such wide distribution of age, education, interest, as well as degree of illness. Some find this mixture demoralizing; many enjoy the variety of association.

It has been difficult to form a significant group of activities for aged people who have troubles in attention and thought but are still interpersonally sensitive. Some younger patients have worked faithfully and successfully on the geriatric halls, acquiring a talent with the aged.

It is the fate of organizations out in the community that they occassionally fall under the influence of powerful personalities who would divert the conduct and aims of the group, and at other times the leaders are not well able to carry on the aims. It was extremely interesting and at times discouraging to see patient organizations also so suffer; but it was exciting to see that if left to themselves and not "therapeutically directed" by staff, these conditions were corrected by patients. The leaders were not repudiated but were used for their virtues and the groups were revitalized by hard work and democratic action.

It is further interesting to see (in these times) that such organizational difficulties due to individuals are overcome by devotion to parliamentary method. So particularly valuable has this method been that the office of parliamentarian has been written into rules of organization to watch over personal and institutional liberties. The parliamentarian educates and also speaks for the method whenever it is impeded.

The broader interpretation of the success of our patient organizations with these difficulties may be that mentally ill patients can invest themselves with some of our most responsible social forms to the benefit of all. A social structure has been evolved which continually attracts the force of individual drive. The mental health is not in the doing of creditable deeds by an ideal group but lies in the quality of investment and contribution between person and group, be it quite humble. It is this success which is here reported.

It is possible now to make some summary of the efforts towards creating a patients' organization called the "Hall Meeting." For three years, the Patient-Personnel Conference sought ways to make these

meetings "go over" and only this year has some intermittent success developed. The extraordinary difficulty is that groups of patients on halls are continually "treated, pushed, contacted, observed," by the staff, are waited on hand and foot, and have too little that is useful to do. They watch TV, converse, pace, and test out the rules and regulations. They spend a few moments a day caring for their rooms, but go away from the hall for most activity and work. However, it was advocated this year at PPC that hall meetings should be held regularly. The consequence of patient heads getting together regularly on the hall has been a burst of interests and activities: open houses, patient use of the kitchens, hall outings, intramural competition, solution of interpersonal irritations, high morale in establishing new hall routines with the nurses, and some tentative group efforts to help each other with the social misbehavior resultant from mental illness. On one hall, a group social worker, Miss Louise Frey, demonstrated for several months how minimal but judicious staff participation with patients brings a new warmth and activity to otherwise dull evenings. Likewise, inter hall visiting has sometimes allowed halls to share each other's interests.

Concerning the voluntary patient work program, some progress has been made so that about twenty-five patients work part time for the regular hospital departments, some very hard and skillfully. The idea of patient work is more generally accepted and department heads are more appreciative of the value of the job, both to the department and patient. Social workers have been especially skillful at developing work interest and some physicians have been making referrals. But is it optimal that only twelve percent of the patients are engaged in regular voluntary work? This seems the limit of patient voluntary interest in work without adding an obligation to work.

A new patient-staff discussion group on "How Patients Spend Their Time" has developed many suggestions and had a good effect on the morale of those participating. This neutral title stimulates a critical discussion of both hospital structure and patient activity.

A description of the more tangible organizational accomplishments will be omitted, but reference may be made to similar activities of previous years. Succinctly, the Patient Activities Association has produced a continual stream of social and cultural events for patients; and the Patient-Personnel Conference has heard thousands of opinions which have brought more mutual understanding and worked towards effecting change.

These organizations appreciate the interest and opportunity to develop which is so considerately allowed by the Staff and Trustees of the McLean Hospital.

Respectfully submitted,

PAUL M. HOWARD, M.D.
Associate Psychiatrist in Chief

Report of the Director of Internal Medicine

DURING the period covered by this report several changes were made which resulted in improved medical care of the patients. Daily medical rounds, conducted by Drs. Thomas and William Hall, have been instituted. Some halls are visited twice weekly, others once a week, and a few every two weeks, depending on the types of patients resident on each. A noticeable improvement in medical care became evident within a short time after this system was instituted. However, it would still be desirable to have a medical resident attached to the McLean Hospital. The present system of ward rounds would benefit also from more regular attendance of the psychiatric residents and ward administrators than now obtains. Only about half of them attend these rounds and consequently these exercises do not attain their full role as a teaching instrument. In addition to the bettering in medical supervision of the patients, improvement in care in another way has begun; this is the gradual provision of new apparatus necessary for medical care of physically sick patients. Dr. George M. Perrin continued to provide his admirable summaries of the medical histories of patients thereby saving the psychiatric staff the time involved in reading lengthy records.

As has been the rule in the past, diseases of old age carried off a few patients, whereas infectious diseases constituted no problem. Prescriptions filled for patients totalled 15,619, a small decrease from last year. Patients received 571 X-Ray examinations, a decrease from the 704 of the previous year. These X-Ray examinations involved the chest in 303 instances, 61 the abdominal organs, and the skeletal system in the rest. Electrocardiograms numbered 137 and basal metabolism tests sixteen.

Employees received 1780 prescriptions, almost double the number issued last year. Employees were given 714 X-Ray examinations and 36 electrocardiograms, almost the same numbers as last year. The Employees' Clinic continues to operate with an engaging combination of efficiency and humanity, under the direction of Dr. Virginia Calkins.

New medication units, designed to separate various categories of drugs in the interest of convenience and safety, were set up on Admissions Belknap I, Admissions Belknap II, Codman I, and Codman II. The rules for care of medicine closets and administration of drugs were

revised; a new requisition form was made up and seemed to make for smoother flow and better control of medicines. New prescription forms were likewise designed. Some of his burdens were lifted from the pharmacist's sagging shoulders by increased use of pre-packaged goods, removal from the pharmacy of toilet articles and cosmetics, and the use of disposable needles and syringes. A handsome new pharmacy was constructed at long last and Mr. Zager's harassments have diminished greatly. The increased space is adequate for present needs. The increase in space has already resulted in a significant financial saving by making possible bulk purchasing. Mr. Zager assisted in the preparation of the first issue of *McLean Drug Topics,* a summary of new drugs for those of the staff who do not read much medical literature.

Mr. Herbert Davidson, X-Ray technician, and Mr. Joseph N. Giancola, Clinical Laboratory technician, maintained their usual high standards of efficiency and devotion to duty; they deserve every praise. Mr. Giancola alone carried out 8835 laboratory tests during the year.

Respectfully submitted,

MARK D. ALTSCHULE, M.D.
Director of Internal Medicine

Report of the Director of Research in Clinical Physiology

The work lay in two directions:

1. *Studies on indole metabolism* (with Dr. Hirsh Sulkowitch).

THESE studies, a continuation of previous work on epinephrine excretion, involve an extremely difficult branch of chemistry, and progress has been slow and uncertain. Evidence accumulated thus far indicates that as yet unidentified indoles occur in the urine of psychotic or depressed patients. Much additional work will be required before these indoles can be identified. The importance of this study is owing to the fact that some indoles cause depression or psychoses or both.

2. *Studies on Pineal Extracts.*

These studies, supported by the Commonwealth Fund and by the Wilson Laboratories have progressed slowly. The problem of isolating the active material was not solved, but might be next year. An extensive study of the effects of pineal extracts on rats has been carried out in Biological Laboratories at Harvard College, in association with Messrs. Uno Holmgren and W. Donner Denckla, and at the Department of Anatomy at the Medical School, in association with Drs. Greep and Roth and Mr. Richard J. Wurtman. The extract depresses the anterior pituitary and through it the gonads and adrenal glands. What this has to do with the beneficial effects of pineal extract in psychotic patients is not clear.

Studies of the action of pineal extracts in patients have proceeded slowly and indeed have come to a halt on several occasions, owing to difficulty in obtaining patients for the necessary tests. Research involving patients is entirely controlled by the Hospital's ward administrators, many of whom have little knowledge of physiology and less interest in it. The fact that a clinical staff with this background regulates selection of patients for physiologic research should be changed if the McLean Hospital is to maintain its reputation in this field.

During the year Codman II was turned into a research unit for special long term studies, under the immediate supervision of Dr. Stanley Eldred, of the effects of pineal extracts on behavior. Dr. Lewis Sherman

was taken into the project as psychologist and Mr. Norman Bell as sociologist. The patients released for this study by the ward administrators, after months of delay, were not ideal for the study. For example, the original plan of the experiment called for the study of 15 female, cooperative, nonlobotomized schizophrenic patients not over 50 years of age. The patients actually provided by the administrators were only 8 in number, of whom two were uncooperative to tests; only two were under 50 years of age (2 actually were over 60) and 5 had been lobotomized.

Nevertheless, organizing the unit and conducting the experiment during the past year has provided practice in the carrying out of controlled clinical psychiatric research, which can now be introduced if considered desirable by the staff.

During the year the Clinical Laboratory was completely remodeled. It was stripped down to the bare walls, and new benches, cabinets, lights, wiring, sinks and piping put in, at a total cost of about $13,000. The work carried on is now being done under more pleasant conditions than formerly. Mr. Joseph N. Giancola and Mrs. Phyllis Holliday continued their excellent work. Miss Joan Wilson left late in the year, after having followed in the footsteps of every unmarried technician ever employed in these laboratories, by becoming a bride.

Respectfully submitted,

MARK D. ALTSCHULE, M.D.
Director of Research in Clinical Physiology.

Report of the Director of Scientific Research

DURING 1958, Dr. G. R. Webster, D.M., returned to England after a one year stay at the Laboratory and Drs. J. Greaney and L. Amaducci were appointed to the staff. With these changes, the staff consists at present of six M.D.'s, four Ph.D's, six technicians, two laboratory assistants, and one secretary. During the year, the laboratory received $47,934 from the United States Public Health Service for its current operation. There have also been available $8,395 from the American Cancer Society and about $50,000 from the Ford Foundation, both as part of longer than one year grants. Finally, the Kresge Foundation awarded the sum of $146,320 to match an equal sum granted by the United States Public Health Service previously for the purpose of constructing an addition to the present laboratory building. With this grant, the financing of the contemplated addition is essentially completed and construction is expected to begin during the calendar year 1959. The work carried out during the year was reviewed by the Advisory Committee on January 30, 1959. The following is a summary of the results reported.

Biochemical Studies

The work carried out has been in part the continuation and elaboration of earlier studies and in part the newly initiated line of metabolic studies. It has dealt with proteolipides, lipides, and the closely allied problem of the nature of the antigen(s) responsible for the production of allergic encephalomyelitis; with strandin; with the phosphoinositide-polypeptide complexes reported earlier under the name of phosphatido-peptides; with the metabolism of brain proteins; with the metabolism of the carbohydrate moieties of brain tissue components; and with the continued overhauling of analytical methods and of preparative procedures, with a view to adapting them to specific problems.

The work on proteolipides has resulted in the development of a procedure for the quantitative isolation of white matter proteolipides in one single fraction containing only minimal amounts of free lipides. The material thus obtained contains about 90 per cent protein. The constituent lipide moiety has not yet been purified but it appears to be a phosphatide which contains neither choline nor inositol and which may possibly be linked with a polypeptide moiety.

The study of the encephalitogenic antingen(s), which is a continuing project in collaboration with Dr. B. Waksman of the Department of Neurology of the Massachusetts General Hospital, has confirmed the observation of Dr. M. Lipton, (University of Louisville School of Medicine, Ky.) of the presence in spinal cord of a highly potent, nitrogen-rich, petroleum ether soluble encephalitogenic agent. The investigation of the nature of this antigen has shown that petroleum ether extracts from nervous tissue considerable amounts of proteolipides. Besides suggesting that Lipton's N-rich antigen itself may be a proteolipide, this observation opens the possibility of isolating proteolipides with the use of chloroform-methanol.

In the case of phosphatido-peptides, a procedure has been developed for the quantitative isolation of these phosphoinositide-polypeptide complexes under mild conditions, and without the use of trypsin. The material obtained by this procedure is similar to the phosphatido-peptides originally isolated from the trypsin resistant fraction of brain proteins (neurokeratin), although the former may exhibit a longer polypeptide chain length than the latter. Both materials appear to account for approximately the same proportion of tissue P. Hence, the phosphatido-peptides isolated after trypsin digestion appear to correspond to a similar or identical fraction of the tissue prior to trypsin digestion.

The metabolic studies which one year ago were for the most part at the planning stage, have materialized during 1958 into well formulated long range investigations of the metabolism of proteins, on the one hand, and of the metabolism of the carbohydrate moieties of brain components, on the other. In the case of proteins, work on the *in vivo* incorporation of S^{35} methionine in different tissue fractions obtained by procedures of fractionation in current use in the laboratory, has shown significant differences among the respective rates of incorporation of S^{35} in several major categories of tissue proteins. Besides their intrinsic value, such observations provide a most valuable frame of reference for future work.

The bulk of the work on the carbohydrate moieties has been concerned with the setting up of analytical and preparative methods, and with the validation of the information these methods provide in terms of the different moieties under consideration. The results of preliminary experiments on the incorporation of radioactivity from glucose-U-C^{14} and of methionine-$C^{14}H_3$ into different tissue fractions have served

mainly to illustrate the complexity of the problem, and the necessity of separating from the tissue metabolically homogeneous or quasi-homogeneous fraction, if meaningful results are to be obtained.

In summary, the implementation of the program of metabolic studies has made satisfactory progress during the year, not the least rewarding aspect of which has been the easy integration of the metabolic studies into the general laboratory activities.

The overhauling of methods has dealt specifically with the estimation of inositol and of galactose, as a first step in the renewed study of the changes in brain chemistry with growth and aging.

Neuropathological Studies

Applications of the methods and principles of quantitative histochemistry to problems in neuropathology have continued under the general direction of Dr. Pope.

During 1958, particular attention was given to the development of analytical methods for chemical structural components applicable to microgram sized samples of brain tissue. Suitable methods have now been completed for total lipides, total proteins, residual and proteolipide protein fractions, and for pentose and deoxypentose nucleic acids. Recently, new micromethods have also been developed for cerebrosides and mucolipides (gangliosides, strandin). Pilot applications have been made of these procedures to determination of the distributions of the components in question within the architectonic layers of mammalian cerebral cortex. These have shown that total non-proteolipide (residual) protein has a very uniform concentration within the cellular layers and sublayers, whereas proteolipide protein shows an anticipated relationship to the density of myelinated axonal plexuses. Similarly, the intracortical distributions of nucleic acids show an expected correlation between DNA and the total cell density, whereas PNA appears to be particularly concentrated at levels in which the volume of neuronal perikaryon material is presumably greatest.

Studies have also continued on the influence of various environmental factors, particularly the ionic composition of the medium, upon the adenosinetriphosphatase activity of rat brain. During the past year, the effects of a number of drugs and enzyme inhibitors upon the ATPase system were investigated and results obtained consistent with the possibility that the Mg^{++} stimulated ATPase in brain that is influenced by

Na^+ and K^+ may be involved in mechanisms for ion transport as well as in transphosphorylation reactions.

Continued investigation has been made of the distribution of total thiamine in various nuclei and tracts of rat central and peripheral nervous systems and of the rate of its depletion during experimentally induced deficiency. For these studies, a microchemical method has been used that permits simultaneous histopathological observations. In normal rat brain, thiamine is quite uniformly distributed, except for significantly higher values in the cerebellar vermis and lower values in the thalamus than in the other eight regions examined. During deficiency, the rate of thiamine loss is the same in all parts of the brain, and a reduction to 20% of normal is necessary before the appearance of neurological symptoms (chiefly disorders of posture and equilibrium) and of pathological changes (localized necrotic lesions in the brain stem tegmentum). Thus, no correlation has yet been established between the selective physiological and pathological vulnerability of certain parts of the nervous system to lack of thiamine and either the coenzyme content of these parts or the rate at which it decreases during induced deficiency.

Studies have continued on the intralaminar distributions of acetylcholinesterase, 1-alanylglycine dipeptidase, and tributyrinase activities in autopsy specimens of human frontal cortex exhibiting neuropathological changes. The activities of these enzymes are serving respectively as indices of the intracortical sites and turnover rates of acetylcholine (hence presumably of the integrity of cholinergic neurons) and of proteolytic and lipolytic activities of the sort to be anticipated in various necrotizing and atrophic processes. The results of the enzyme experiments are being compared with histopathological changes exhibited by the same specimens after selective staining for each one of the anatomical components of cerebral cortex. The distributions of the same three enzymes, as well as of certain of the structural components referred to above (proteins, nucleic acids), are also being surveyed in a number of subdivisions of rat central and peripheral nervous systems.

Respectfully submitted,

J. Folch-Pi, M.D.
Director of Scientific Research

Report of the Psychology Department

DURING the past year the Psychology Department has expanded by the addition of more personnel and has extended further its functions of psychological testing, teaching and research.

There were 98 referrals for psychological testing and 325 tests were administered. The major reasons for referrals were: (1) diagnostic problems; (2) the formulation of personality dynamics; (3) the evaluation of organic damage; (4) the degree of suicidal risk and (5) recommendations for treatment.

Teaching activities have broadened to include psychiatric residents and aides in addition to medical students and nurses. Miss Mildred Swinson of this department has been working with the Nursing Education Department in the new orientation program for graduate nurses and aides and has continued to meet regularly with student nurses. The medical students are seen each month for orientation to the psychology department. This year a series of lectures and demonstrations on the theory and practice of psychological testing has been offered to the psychiatric residents.

Research activities have continued with the Psychology Department becoming more closely involved with the Departments of Psychiatry, Social Science, and Social Work in interdisciplinary research. One departmental research project has been designed to measure the relationship between defense mechanisms and perception. Another project presently conducted is concerned with relating accuracy of self-image to level of adjustment. A study to investigate the effects of group therapy on patients' general behaviour in the hospital has allowed more of an opportunity for close research relationships between the Psychology Department and psychiatric residents. We have also been participating in a series of meetings with several psychiatrists, a social scientist, and a social worker, in an attempt to plan a systematic research program for the study of determinants of self-destructive behaviour in the hospital.

This year the department has begun to develop an in-service training program by meeting each month with Dr. William Hire, Associate Professor of Psychology, Boston University, who is serving as a consultant, in psycho-diagnostic testing. A statistical consultant will also be added in the near future.

We are very happy to welcome to the department Mr. Robert Schnit-

zer who joined the staff as an Assistant Psychologist in May of this year. He was previously a member of the Psychology Department at Connecticut State Hospital. We have also appointed Mr. Charles Dawson as Assistant Psychologist and he has been participating in the development of the new Activity Therapies Department. In September Dr. Pierce joined the staff on a full-time basis.

Respectfully submitted,

IRENE R. PIERCE, Ph.D.
Director, Psychology Department

Report of the Social Science Department

THE Social Science Department has developed along several lines during 1957-58.

Dr. Katherine Spencer, Associate Professor of Research at Boston University School of Social Work, has worked with Miss Golda Edinburg, Director of the Department of Social Work, on a study of documentary materials. The analysis of these data will contribute to an understanding of problems and processes associated with introducing a Social Work Department into this type of hospital. Assisted by a grant from the National Institutes of Health, Dr. Spencer plans to continue collaboration with members of the Social Work Department to clarify other areas of concern to this department. They are particularly interested in how their work with patients' families can be optimally related to treatment.

Dr. Rose Coser, of Wellesley College's Department of Sociology, has also joined the Social Science Staff half-time to pursue some lines of research opened up by her earlier work at McLean in 1957. At that time she studied the phenomenon of humor in staff meetings and its various functions in connection with the staff's work task.

Dr. Anne Parsons has continued her study of socio-cultural factors in delusions. Her preliminary comparisons between Italo-American patients and Yankee patients, using McLean as a base, stimulated the need to follow certain leads more deeply into the backgrounds of the Italians in order to highlight relevant contrasts. Assisted by a National Institutes of Health grant, Dr. Parsons is now working with psychiatrists in Italy on this problem. McLean thus finds itself in the cross-cultural and international research field.

Dr. Robert Rapoport, who is a Lecturer on Social Anthropology at Harvard and associated with their training program for Social Scientists in Medicine, has sought to strengthen the ties between Harvard's Social Relations disciplines and McLean.

In this connection Mr. Richard Greenbaum of Harvard's Department of Social Relations made a preliminary study of socio-environmental stresses in the backgrounds of socially privileged individuals.

Mrs. Dorothy Zinberg did an exploratory study of fourth year medical students who were taking a month's study of psychiatry at McLean.

She gave special attention to their views of the place of psychiatry in the medical curriculum.

Dr. Norman Bell, a research sociologist at Harvard's Laboratory of Social Relations, has joined the McLean staff half-time to provide a social science dimension to the study of the effects of pineal extracts under the direction of Dr. Mark D. Altschule and Dr. Stanley Eldred.

In general, the social science field at McLean has shown continued growth and has exemplified in its early efforts many of the kinds of enterprises in which social scientists and psychiatrists find mutual or overlapping interest. Some of these interests have been more geared to practical problems, some more theoretical; some have been pursued collaboratively with members of the clinical staff, others as individual projects. In addition to their research activities, social scientists at McLean have contributed service to the overall hospital program by lecturing at academic conferences and providing research consultation.

Respectfully submitted,

ROBERT N. RAPOPORT, Ph.D.
Associate Social Anthropologist,
Chairman, Department of Social Science

Department of Psychiatric Social Work

SOCIAL Work continued its growth and expansion of service. There were many welcome additions to the staff: October 1, 1957, Mrs. Martha Norton, Casework Supervisor; November 18, 1957, Mrs. Eleanor Lukes, Secretary; August 1, 1958, Mrs. Gretchen Swift, Supervisor of Admissions; and September 3, 1958, Miss Leonor Herrera, Caseworker. In collaboration with Boston University School of Social Work, Miss Louise Frey, Associate Professor of Group Work, began a group work demonstration project on Codman I in September, 1958.

The hope of beginning a social work research project was realized through the appointment of Dr. Katherine Spencer in collaboration with Boston University School of Social Work. As mentioned in the Social Science Department report, Dr. Spencer and Miss Edinburg jointly obtained a National Institute of Mental Health Research Grant to study the development of the role of social work in this hospital.

The established social work program was further expanded by an affiliation with Boston College School of Social Work. Education regarding the aims and methods of social work was formally introduced into the Residents' Training Program.

There was also an increase in the time offered to the over-all hospital committees and especially to the Nursing School, with active participation by a member of the department on its guidance and counseling committee.

Casework service was available to all patients and families from the day of admission, throughout hospitalization, and upon return to the community. There were increasing requests for preadmission planning, and in June, 1958, the hospital responded to this demand by creating the position of supervisor of admissions. An average of 147 patients and/or families was seen monthly; of these, 116 were inpatients and 31 were outpatients. A total of 351 patients and their families received casework service during the year.

Efforts to improve our community relationships led to participation in the Social Work Careers Recruitment Program by employing two college students during the summer to work as aides in the nursing service with social work supervision. Throughout the year, various staff members spoke in local high schools or at neighboring agencies on the social work program at McLean. Invitations were received and

accepted to act as "advisor" at a National Social Welfare Assembly Conference on "Confidentiality" in New York and at an Institute on Volunteers at the Fernald School, sponsored by the Massachusetts Association of Mental Health. For the third year, the Psychiatric Section of the National Association of Social Workers held its annual business meeting at McLean Hospital. The hospital also acted as host for a meeting of the Association of Massachusetts Mental Health Social Workers.

For next year, it is hoped that efforts to improve our community relations will continue. It has been recommended that a social group worker be hired as Director of Volunteers for this purpose as well as to set up a field training unit for the group work program of the Boston University School of Social Work. More emphasis will be placed on examining our standards of practice by a systematic study of our activities. In order to continue our present service program, it may be necessary to add more social workers.

GOLDA EDINBURG
Director, Psychiatric Social Work

Department of Activity Therapies

THE year has been marked by work finally resulting in the unification of patient activity services into one newly formed department of activity therapies. The professional direction of the various educational, occupational, and recreational services was consolidated under a psychiatrist with the help of Mr. Charles B. Dawson, an assistant psychologist. The administrative responsibility for these services was assigned to Mr. Burton Sears, an assistant hospital administrator.

Weekly departmental meetings inaugurated during the year have included representatives from nursing service and social service, and have been helpful in organizing the work of the new department. Although most of the patient activity services have long been established, an attempt to improve their effectiveness has been made by better communication, by directing attention to professional problems, and by clarifying policy. The scope of service supplied to patients has been broadened. A library assistant has been employed who has helped the patients' library to be useful to patients. There is now an occupational therapist in charge of West Occupational Therapy (formerly Men's Occupational Therapy), which has been given the character of a handicraft workshop. Art therapy has now been developed as a remedial activity for some patients who work toward the strengthening of their personality functioning through exercises in art. A creative arts instructor now teaches sculpture, painting and drawing in East Occupational Therapy (in what was formerly the pottery room). Thus, the new department of activity therapies was defined not only by the inclusion of the traditional professional services units but also by the flexible structure designed to incorporate new activities. The department is now composed of four sections: the occupational therapy section, the recreational therapy section, the library section, and the general section.

The occupational therapy section includes three registered occupational therapists: Miss Elaine Pinkham, Miss Constance Doliber, and Miss Anne Schwer; it offers facilities for help to patients who wish for, or need development of skills in handicrafts and domestic arts. There is a wide range of constructive activities: dressmaking, knitting, cooking, sewing, weaving, rug hooking, pottery, copper enameling, leather craft, metal working and others. About 28 per cent of the patient census is

regularly engaged in some activity offered by the occupational therapy section.

The recreational therapy section includes five experienced therapists: Mrs. Ada Roth, Mr. Angus MacDonald, Miss Winifred Richardson, Mr. John Duffley, Mr. Sten af Klinteberg. With the aid of three part-time assistants, recreational facilities are made available to patients seven days each week. Recreational therapists assist the Patient Activity Association with its frequent entertainment projects, and have been supervising the community volunteer workers with gardening projects. There are facilities for patients who need instruction or participation in games and sports: basketball, badminton, billiards, bowling, checkers, chess, croquet, golf, ping pong, pool, tennis, volley ball, and others. About 40 per cent of all patients (most of the physically capable patients) regularly participate in recreational activities, while the less active patients are contacted less frequently.

The patients' library is a unique area, remarkable for its effortless avoidance of "hospital atmosphere." The Wednesday afternoon tea is a regularly featured social event, attended by both patients and personnel. Patients preparing for discharge from the hospital have made particular use of the library.

The general section includes several specialists: Mr. Charles B. Dawson, assistant psychologist, who is a trained art therapist, works with selected patients; Mr. Lawson Mooney an experienced art teacher, specializes in portrait sculpture and painting and is available to patients wishing to develop studio skills. This fine arts program serves about 12 per cent of the patients. Mr. Blake Miller, manual arts instructor, specializes in printing and woodworking. Dr. Homer Whitford, as director of music, emphasizes the participation of patients in music activity, giving instruction largely in piano.

The program of the department of activity therapies emphasizes support of the patients' initiative and individual responsibility. Accordingly, most patients are given considerable freedom to make choices in developing their program of activities.

Patients may be casual about some activities, participating when they wish. However, some activities for selected patients are regularly scheduled to provide intensive treatment and instruction. Ordinarily, the activities serve to supplement the program of intensive psychiatric treatment by avoiding formality. At other times, the patient may be directed into a specific activity by his physician. Well over 20 per cent of the

patients regularly engage in several different activities, while more than half of the patients are regularly active in participating in at least one of the activities offered by the department.

CHARLES B. DAWSON,
Assistant Psychologist

The Nursing Service

PERIODICALLY in a hospital, come years when many changes in medical practice and the need of bringing about corresponding changes in the character of nursing service takes place in a short period of time. The fiscal year 1957-58 has been such a year. Increase in special nursing, initiation of a weekend social center for patients and relatives, increase of interward visiting, planning schedules for patients who work, opening a ward unit for research, moving ward locations from one place to another, observing and recording in group therapy sessions, participating in related hospital functions and many other changes indicate the necessity of a well-qualified nursing staff of considerable size.

So that we might be able to meet the medical care program more adequately, several administrative functions have taken place in the planning for nursing service. The first of these was a continuation of the recruitment effort through advertisement for nurses in the professional nursing periodicals. In a period of seven months, 155 nurses responded to the advertisements in the American Journal of Nursing and 6 of them were employed. Further planning for intensive recruitment appears to be needed.

Another incentive in recruitment has been the provision that graduate nurses, without adequate training in psychiatry, may enter the undergraduate course in psychiatric nursing. Of the 12 who were enrolled, 4 were employed on the staff at the completion of the course.

In the middle of the fiscal year a Scholarship Plan for Registered Nurses was developed and put into effect. This plan gave added incentive to working for the hospital and encouraged nurses to improve their education and professional standing. Ten graduates enrolled in nearby colleges with a total of 52 college credits.

Although the average number of graduate nurses during 1957-58 was lower by five in number than the previous year, there was a gradual increase in the number during the last six months of the year. The increase brought the total to 89 full-time and 20 part-time nurses at the end of the 1957-58 fiscal year compared to 74 full-time and 27 part-time at the end of the previous fiscal year.

The full-time psychiatric aide group has increased from 79 to 89 while the number of part-time decreased from 33 to 20.

At the end of the fiscal year 1957-58 the following positions were unfilled: Supervisors—3; Head Nurses—2; Assistant Head Nurses—6; Staff Nurses—6; and Psychiatric Aides—7.

The first budget for nursing service projected in the fiscal year 1956-57 provided an all-over staff plan for nursing service according to numbers used the year previous. In planning for the fiscal year 1958-1959 a plan was made to correlate numbers and categories with ward assignments. To make the plan, conferences were held with each Ward Administrator and Head Nurse. The final number of personnel on the wards were in general those mutually agreeable to the Ward Administrators and Nursing Service. It was found that the number of nursing care hours needed for 1958-1959 was 7.4 hours per patient per day. The plan was used as a basis for presentation of the budgetary needs for the nursing personnel and was approved by the Trustees of the hospital.

Staff education in psychiatric nursing has continued to be an outstanding need. Consultation was sought and two specialists in psychiatric nursing education visited the hospital. The basic need perceived was the development of in service programs for all nursing personnel, including programs for nursing personnel at the ward level, basic courses for aides, programs for head nurses and programs for supervisors.

The recommendation that a well-qualified instructor in psychiatric nursing to work full time in the development of an in service education program should be employed, was accepted, although no appointment has yet been made.

Since some action was urgent, as In Service Education Advisory Committee was established to devise interim measures. The immediate recommendation was that first a formal program for the orientation of new graduate nurses and new aides should be started. To put this program into effect Mrs. Audrey R. Miller, R.N. was employed as Supervisor of In Service Education on a temporary basis. It was planned that the orientation program should be ready for action early in November of 1958. Also, staff education has been carried out through the weekly clinical instruction on the wards given by doctors, clinical instructors and head nurses; by individual and group instruction in relation to psychiatric treatments; by review of nursing procedures and by attendance at some psychiatric nursing classes given to students. One new film on nurse-patient relationships was purchased and has been in use for all nursing personnel.

Special arrangements have been made for nurses and psychiatric

aides, who work either full-time or part-time, to continue their education at nearby colleges. Twenty-five nurses and 46 aides have realized this opportunity.

It is noted that there has been an increase in interest concerning the role of the psychiatric nurse and that studies at the doctorate level are being considered or are in process of development in a number of colleges in the United States. One such study has been started by a male nurse working on his doctorate at Boston University. McLean Hospital is one of three hospitals agreeing to participate in this project. The aim of the study is to reveal the relative importance attached to various functions of the nurse, not only by the nurse but by others within the hospital. A copy of the completed thesis will subsequently be available at the hospital.

Recommendations for the nursing service in 1959 and 1960 are: 1) that salary ranges should be made comparable to those usually paid in most parts of the United States (qualified supervisors in psychiatric nursing and psychiatric aides in particular); 2) that three additional positions should be added to the complement for nursing service, one supervisor of staff education and two psychiatric nursing clinical specialists; 3) that the budget for Scholarship Grants to Graduate Nurses employed at McLean Hospital should be increased from $2,000 to $3,500 annually; and 4) that satisfactory library services for nursing service personnel should be developed.

During the last year the help and guidance given to the nursing service was appreciated. I wish to thank the Board of Trustees, the Medical Staff and all the other hospital departments, and I look forward to the continuation of such support in the coming year.

THE SCHOOL OF NURSING

The preparation of graduate nurses to meet the growing demands of population increases, expanding use of health agencies and changing patterns of patient care continue to be an important function of the hospital. The increase in time spent by nurses in the care of psychiatric patients is an indicator that our school of nursing should continue to concentrate on improved education in this field as well as increase the numbers of students in the school.

The success of a school of nursing may be judged by three broad criteria. They are: 1) An admissions program which attracts an adequate supply of applicants to permit a wide range of selection; 2) A

program which is consistent with the program of an educational institution, holds the interest of the student and stimulates the student to complete the program; and, 3) A curriculum which prepares the student for entrance into nursing, and develops insights and values toward improvement in nursing.

Twenty-five of the 120 applicants were accepted during 1958; by comparison 21 of the 137 applicants were accepted in 1957. Data shows that applicants of 1958 were better prepared academically. Only 46 of the 1958 applicants were rejected by reasons of academic deficiency as compared to 59 the year before. Guidance was given to applicants who might be good candidates at a later date. Of those 25 students accepted, 13 are men and 12 are women, showing an increase in eligible women applicants.

Of the total number accepted, 2 are receiving funds from the Veterans Administration; 1 is sponsored by the Indiana Division of Mental Health; 3 have received scholarships form philanthropic organizations in their home towns; and 1 has received a scholarship from the hospital.

Scholarships and loan funds are needed for some students. This year the McLean Hospital Nurses Alumni Association has sufficient funds in its Scholarship Fund for students so that one $150 scholarship each year will be awarded to a member of the incoming class with the September 1958 group.

The publicity pamphlet for 1958 and 1959 was completed and 1000 copies were sent out to every accredited high school in New England and to a selected list of libraries, junior colleges and high schools throughout the United States.

One of the major projects this year has been the development of the Guidance and Evaluation Program for students which pertains to their personal and professional needs. Advances so far have been: 1) increased counseling of individual students; 2) receiving additional helpful advice from a social worker appointed to the committee; 3) approval by the Psychiatrist in Chief for the appointment of a Professional Advisor to help the members of the Evaluation and Guidance Committee in their work of counseling students; 4) development of a procedure for closer contact in the area of guidance and evaluation of McLean students while on affiliation; 5) review and recommendations of the facilities for students when ill; 6) development of self-evaluation procedure for students, the material serving as a partial guide for con-

ference and evaluation by instructors; and, 7) a continuing study of the basic principles of the program.

Changes have been made to improve the instruction of students. The principles of the curriculum are under study. A psychologist as a member of the Curriculum Committee has helped with this. A course in Communication Skills, taught by a High School English Instructor, was included in the curriculum for the first time. Expected outcomes were projected and evaluation after the completion of the course will follow. The course in Community Health Nursing given in the third year is being revised. The school now offers the same curriculum for both men and women students. This year marks the completion of the first obstetrical nursing affiliation for men students.

The psychiatric nursing program for basic affiliating students was reviewed with the home schools. Diet Therapy has been integrated in the psychiatric affiliation.

The student association has been active and has made timely recommendations to the faculty in regard to student living and the professional program. It has again participated with the district and state councils of the Massachusetts State Council of Student Nurses. Miss Constance Mair, second year student, was elected president of the District #5 of the Massachusetts State Council of Student Nurses at their annual meeting which was held with an attendance of over 300 student members at this hospital.

In March a public Investiture Service was held in the Samuel Eliot Memorial Chapel in the form of a Nightingale Service. Mr. Hector Lavoie, a graduate of the McLean Hospital School of Nursing and now the Director of Nursing at the Brattleboro Retreat in Vermont, gave the address.

The annual graduation exercises were held in September. Dr. William E. Park, President of Simmons College, gave the Commencement address.

Reconstruction of the classrooms and library has resulted in added space to accommodate the increased enrollment of students and changes in the teaching program during the past few years. The science laboratory was expanded into the old library area; laboratory divisions are now in two sections instead of three, decreasing the teaching load. The additional space also provides for classroom lecture space in which scientific teaching demonstrations can also be given. Further change by transferring the library to the old dining room area has increased the

seating capacity from twelve to twenty-four (with additional space to expand). This has stimulated the students to make better and more frequent use of the library. Further plans to make even better use of the physical improvements are being formed by the Committee on Library and Teaching Aids. The appointment of a Hospital Medical Librarian has provided expert help to the School of Nursing in raising the library standard practices.

Our School of Nursing Advisory Committee has held regular meetings in which the members have given valuable advice concerning the needs of the school and have interpreted the program in various ways to the general public.

The work of the Faculty Organization was of prime importance this year. It aided in a revision of the policies and objectives of the school. The participation of a social scientist and a psychologist was appreciated.

The complement of psychiatric nursing instructors was reviewed. In September 1957 the position of Clinical Interne in Psychiatric Nursing was approved for one year. Mr. James Downey, R.N., a recent McLean graduate, who had some advanced college preparation, was appointed and in May 1958 he was promoted to Assistant Instructor in Psychiatric Nursing. In May 1958 Mrs. Martha A. Pride, R.N., M.N. was appointed as Instructor in Psychiatric Nursing to fill a vacancy. (She was granted leave of absence in September of 1958 to accept funds from the United States Public Health Service to participate in The Professional Nurse Traineeship Program for Teachers in order to matriculate for the Masters' Program as Clinical Specialist in Psychiatric Nursing.) In September 1958 Mr. Herbert Mallinson, R.N., a McLean graduate in the class of 1958, was appointed as Clinical Interne in Psychiatric Nursing for one year.

In July 1958 Miss Marjorie A. Horgan, R.N., S.B. joined the faculty as Assistant Instructor in Nursing to replace Mrs. Jane Segar.

During the college year three faculty members have taken advantage of the graduate nurse scholarship offered by the hospital. A total of four faculty members have attended college either on a part-time or a full-time basis to improve their individual professional preparation.

During 1958 Mrs. Mildred C. Makin took active part in accreditation surveys as a part-time staff member of the Department of Diploma and Associate Degree Programs of the National League for Nursing in the

evaluation of eight diploma schools in various parts of the United States.

Recommendations for the improvement of the school of nursing in 1959 and 1960 are: 1) that suitable facilities for the care of ill students be provided; 2) that the Men Nurses Home be redecorated throughout including renovation and replacement of furniture and the conversion of the first floor kitchenette into additional recreational area; 3) that redecoration of the Higginson House be continued and that the furnishings of the living area and classrooms be replaced and renovated as necessary; 4) that a part-time librarian be employed for the school of nursing apart from the hospital library operation; 5) that the position of Clinical Interne in Psychiatric Nursing for a recent McLean graduate be continued; 6) that salary ranges be made comparable to those usually paid in most parts of the United States; and, 7) that a study of the cost of the school of nursing for all undergraduate nurses be conducted.

It is with appreciation that I thank all participants who contributed to the improvements made in the operation of the school of nursing. I specifically include the Board of Trustees, the Advisory Committee to the School of Nursing, the Medical Staff, the Hospital Administration, the nursing service personnel, the School of Nursing faculty and the students in all the educational programs.

Respectfully submitted,

MARGARET C. TIBBETTS, R.N.
Director of the School of Nursing and Nursing Service

McLean Hospital

Reports of the School of Nursing and Nursing Service

NURSING SERVICE PERSONNEL, YEAR ENDING SEPTEMBER 28, 1958

	Women	Men	1957-58
Average No. Graduates	60	16	76
Average No. Graduates—*Part time	9	2	11
Average No. Licensed Practical Nurses	2	0	2
Average No. Accepted Students	12	29	41
Average No. Preclinical Students	5	12	17
Total	88	59	147
Average No. Psychiatric Aides	43	39	82
Average No. Psychiatric Aides—*Part-time	7	7	14
Total	50	46	96
Total No. Preclinical Students Admitted	12	13	25
Preclinical Students Dropped or Resigned	1	4	5
Accepted Students Dropped or Resigned	3	2	5
Total Dropped or Resigned	4	6	10
Students Graduated	9	12	21
Student Veterans Enrolled—P.L. 550 and P.L. 894	0	21	21

*Expressed in equivalent of full time

NURSING SERVICE PERSONNEL, SEPTEMBER 28, 1958

Graduate Nurses	Women	Men	Total
Full time	66	23	89
Part time	14	6	20
Total	80	29	109
Licensed Practical Nurses	1	0	1
McLean Hospital and Affiliating Student Nurses			
Accepted Students	10	22	32
Preclinical Students	12	13	25
Affiliating Students from Other Schools	59	0	59
Total	81	35	116
Total Nursing Personnel	162	64	226

Psychiatric Aides	Women	Men	Total
Full time	36	42	78
Part time	14	10	24
Total	50	52	102

McLean Students on Affiliation			
Massachusetts General Hospital	6	22	28
The Children's Hospital	1	0	1
Boston Lying-in Hospital	3	0	3
Total	10	22	32

Affiliating Students From Other Schools Who Completed Course 1957-1958:			
Massachusetts General Hospital	105	0	105
The Children's Hospital	33	0	33
M.G.H. Radcliffe College Program	1	0	1
Simmons College School of Nursing	19	0	19
University of Massachusetts School of Nursing	0	0	0
Graduates	12	0	12
Total	170	0	170

Directory

MEMBERS OF HOSPITAL STAFF, ALUMNI, AND PAST RESIDENTS

as of February 1959, including subsequent appointments received, effective up to and including July 1, 1959

Letters in small type, following the names, indicate the special work of individuals:—

a.: assistant
admin.: administrative; administrator
an.: anesthetist
anthropol.: anthropologist
assoc.: associate
attend.: attending
b.: bacteriologist
biochem.: biochemist
biol.: biologist
c.: chief of service
c.r.p.: chief resident physician
c.r.s.: chief resident surgeon
cardiol.: cardiologist
chem.: chemist
cons.: consultant; consulting
d.: dermatologist
dir.: director
dn. s.: dental surgeon
e.: engineer
exec. a.: executive assistant
exec. o.: executive officer
gen. dir.: general director
hon. p.: honorary physician
hon. s.: honorary surgeon
h.p.: house physician
h.s.: house surgeon
immunol.: immunologist
l.: laryngologist
n.: neurologist
neurophysiol.: neurophysiologist
n.p.: neuropathologist
n.s.: neurosurgeon
obst.: obstetrician
oph.: ophthalmologist
oral s.: oral surgeon
otol.: otologist
otolar.: otolaryngologist
p.: physician
path.: pathologist
pharm.: pharmacologist
physiol.: physiologist
prin.: principal
psychiat.: psychiatrist
psychol.: psychologist
r.: radiologist
res. a.: research assistant
res. assoc.: research associate
r.p.: resident physician
r. psychol.: resident psychologist
r.s.: resident surgeon
s.: surgeon
sc.res.a.: scientific research assistant
sc.res.assoc.: scientific research associate
soc.: social
sociol.: sociologist
supt.: superintendent
u.: urologist
virol.: virologist

Italics indicate to what service of the Hospital the individual belongs:—

An.: Anesthesia
Anat.: Anatomy
B.: Bacteriology
Bd. of Cons.: Board of Consultation
Biochem.: Biochemistry
Biochem. Res.: Biochemical Research
Biol.: Biology
Biomechan.: Biomechanics
Biophys.: Biophysics
Biophys. Res.: Biophysical Research
B.M.: Baker Memorial
Cardiol.: Cardiology
Chem.: Chemistry
Clin. Physiol.: Clinical Physiology
C.M.: Children's Medical
Contag. Dis.: Contagious Diseases
D.: Dermatology
Dn.: Dentistry
E.M.: East Medical
E.S.: East Surgical
Ed.: Education
Gyn.: Gynecology
Immunol.: Immunology
Int. M.: Internal Medicine
L.: Laryngology
M.: Medicine
(*McL.*): McLean Hospital
M.G.H. Clin.: M.G.H. Clinics
N.: Neurology
Neurophysiol.: Neurophysiology
N.P.: Neuropathology
N.S.: Neurosurgery
Nurs. Serv.: Nursing Service
Obst.: Obstetrics
O.P.D.: Out-Patient Department

Oph.: Ophthalmology; Ophthalmic
Or.: Orthopedics
Otol.: Otology
Otolar.: Otolaryngology
Path.: Pathology
P.H.: Phillips House
Pharm.: Pharmacology
Phys. M.: Physical Medicine
Physiol.: Physiology
Prev. M.: Preventive Medicine
Psychiat.: Psychiatry
Psychol.: Psychology
R.: Radiology
Res.: Research
S.: General Surgical Services
Sc. Res.: Scientific Research
S.M.: South Medical
S.N.: School of Nursing
Soc. Anthropol.: Social Anthropology
Soc. Serv.: Social Service
S.S.: South Surgical
Syph.: Syphilology
T. Dis.: Tropical Diseases
Thd. S.: Third Surgical
T.M.: Tropical Medicine
Traum. S.: Traumatic Surgery
U.: Urology
W.M.: West Medical
W.S.: West Surgical

Supplementary list of abbreviations frequently used in this Directory:—
clin.: clinical
H.M.S.: Harvard Medical School
Inst.: Institute
j.: junior
Mass. E. & E. Inf.: Massachusetts Eye and Ear Infirmary
M.G.H.: Massachusetts General Hospital
M.I.T.: Massachusetts Institute of Technology
res.: research
R.N.: Registered Nurse
sc.: scientific
sr.: senior
v.: visiting
Vet. Adm. Hosp.: Veterans Administration Hospital

Addresses are in Boston unless stated to be elsewhere, and are in Massachusetts when no State is indicated.

ABBOTT, J. A., a.n.; a.r.p. *Psychiat.* 1935 M. G. H.
Abbott, L. C., *Or.* 1916
Univ. Hosp. Med. Center, San Francisco, Calif.
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127 Bay State Rd.
Acheson, G. H., *W.M.* 1939
Univ. of Cincinnati Coll. of Med., Cincinnati, Ohio
ACKERMAN, I.P., a. *M.* (*M.* 1951); r.p. 1955 M. G. H.
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Adams, Ralph H., *W.S.* 1935; r.s. *E.S.* 1939 31 Stone Ave., Newton
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Univ. of Virginia Med. Sch., Richmond, Va.
ADAMS, RAYMOND D., c. *N.* and n.p.; r.p. *N.* 1939 M. G. H.
Adams, W. B., *E.M.* 1918
Owls Head, Maine
Adamson, G. L., r.p. *N.* 1930
Winnipeg Clinic, Winnipeg, Manitoba, Canada
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ADLER, S., sr.r.s. *Or.* M. G. H.
AGARD, E. T., a. physicist *R.* M. G. H.
Ahnlund, N. W., r.s. *Or.* 1943
Santa Clara County Hosp., San Jose, Calif.
ALBERT, J., a.r.p. *D.* M. G. H.
Albright, E. C., *W.M.* 1942
Univ. of Wisconsin Hosp., Madison, Wis.
ALBRIGHT, F., *Bd. of Cons.* (*W.M.* 1926) M. G. H.
Albuquerque, P. F., r.s. *U.* 1944
Rua da Assembleia 51, Rio de Janeiro, Brasil
Aldwin, F. J., *C.M.* 1933
185 Crown, Meriden, Conn.

Alexander, W. H., *W.S.* 1922 and *Thd.S.* 1923
Commercial National Bank Bldg., Iron Mountain, Mich.

Allen, D. W., *M.* 1955; a.r.p. 1956
c/o Prof. Linus Pauling, California Inst. of Tech., Pasadena, Calif.

ALLEN, H. F., a.s. *Oph.* (*W.S.* 1943)
200 Beacon

Allison, C. R., *W.M.* 1938; a.r.p. 1940
15 Prince, Rochester, N. Y.

Alper, J. M., *E.M.* 1935
425 West End Ave., New York, N.Y.

ALPERT, D. R., a. *Oph.*
41 Bay State Rd.

Alston, E. F., *Path.* 1944; a.r.p. *Path.* 1945
2107 Van Ness Ave., San Francisco, Calif.

Alt, R. E., *W.S.* 1933
1 Monument Sq., Beverly

Alton, B. H., *W.S.* 1916
27 Elm, Worcester

ALTSCHULE, M. D., dir. *Int. M.* and *Res. Clin. Physiol.* (*McL.*)
74 The Fenway

AMES, A., III, assoc. biochem. *N.S.*
M. G. H.

Amick, A. F., *M.* 1957; a.r.p. 1958
9242 Phillip Ave., Norfolk, Va.

Andersen, E. W., a.r.p. *An.* 1948
Enighedsvey 7, Chl., Copenhagen, Denmark

Anderson, Erna G., r.p. *C.M.* 1943
815 Greenleaf Ave., Glencoe, Ill.

Anderson, H. C., *Path.*
M. G. H.

Anderson, R. L., *Or.* 1927
1208 Kanawha Blvd., East, Charleston, W. Va.

Andrew, N. W., r.p. *An.* 1956
31 Commonwealth Ave.

ANGELINI, H. D., a. *Otolar.*
3 Seaward Ave., Wellesley Hills

ANGLEY, J. C., a. *M.*
School, Bryantville

ANNINO, D. J., a. *C.M.*
175 Washington, Winchester

Anthonisen, Margaret R., r.p. *Psychiat.* (*McL.*) 1934
Mary Hitchcock Memorial Hosp., Hanover, N. H.

Anthonisen, N. L., r.p. *Psychiat.* (*McL.*) 1932
20 Linden, Brattleboro, Vt.

Aprahamian, H. A., a.r.p. *An.* 1956
Grace-New Haven Community Hosp., New Haven, Conn.

Arnason, B. G. W., a.r.p. *N.* 1959
M. G. H.

Arnstein, A. R., *M.* 1956; a.r.p. 1957
M. G. H.

ARONOW, S., a. physicist *M.*
M.G.H.

Arrowood, Julia G., r.p. *An.* 1936
Boston Univ. Med. Sch.

Arthur, R. J., *C.M.* 1952
Children's Med. Center

Arzimanoglu, A. A., a.r.s. *Or.* 1952
197 Patisia Ave., Athens, Greece

ASBURY, A. K., a.r.p. (*M.* 1959)
M. G. H.

ASTER, R. H., a.r.p. (*M.* 1958)
M. G. H.

Atherton, L. D., r.s. *U.* 1952
321 W. Broadway, Louisville, Ky.

ATKINS, L., a. *Path.;* r.p. *Path.* 1955
M. G. H.

Atsatt, R. F., *Or.* 1926
1734 State, Santa Barbara, Calif.

Atwood, W. G., *W.S.* 1921
151 Rock, Fall River

AUB, J. C., *Bd. of Cons.* (*E.M.* 1915); h.p. *E.M.* 1917
M. G. H.

AUFRANC, O. E., v.s. *Or.* (*Or.* 1938); r.s. *Or.* 1939
266 Beacon

AUSTEN, F. K., r.p. (*M.* 1955)
M. G. H.

AUSTEN, W. G., a.r.s. (*S.* 1956)
M. G. H.

Austin, Grace L., r.p. *D.* 1930
25 Albert Ct., Kensington S.W.7, London, England

AUSTIN, R. C., a. *S.* (*S.* 1951); r.s. 1956
Concord Med. Center, Concord;
M. G. H.

Averill, J. H., *M.* 1947
249 Crescent, Northampton

AYER, J. B., hon. p.; cons.n. (*McL.*)
319 Longwood Ave.

Ayers, W. B., *W.S.* 1943
75 Central Park West, New York, N. Y.

Ayres, S., Jr., *W.M.* 1920
2007 Wilshire Blvd., Los Angeles, Calif.

Bacon, W. B., a.r.p. *Path.* 1951
420 Warren, Brookline

Badal, D. W., r.p. *Psychiat.* 1942
11328 Euclid Ave., Cleveland, Ohio

BADEN, H. P., a.r.p. *D.*
M. G. H.

BADGER, T. L., *Bd. of Cons.* (*E.M.* 1928)
264 Beacon

Bagg, E. P., Jr., *E.M.* 1913
207 Elm, Holyoke

BAILEY, D. W., a.r.p. *C.M.* (*C.M.* 1959) M. G. H.

Baird, P. C., Jr., r.p. *E.M.* 1932
270 Commonwealth Ave.

BAKAY, L., a. *N.S.;* sr.r.s. *N.S.* 1951 M. G. H.

BAKER, D. V., Jr., clin. assoc. *S.* (*E.S.* 1943) 40 Broad

BAKER, G. P., Jr., a.r.p. (*M.* 1958) M. G. H.

BAKER, M. P., p. (*E.M.* 1930)
262 Beacon

Baker, R. L., r.p. *N.* 1943
603 Mayer Bldg., Portland, Oreg.

BAKER, WILLIAM H., a.p. M. G. H.

Baker, William J., *W.S.* 1943
724 Main, Laconia, N. H.

BALAZS, E. A., biochem. *Oph.*
30 Chambers

BALBONI, G. M., hon. p.
78 Mount Vernon

BALBONI, V. G., a.p. (*W.M.* 1942) M. G. H.

BALCH, F. G., Jr., *Bd. of Cons.* (*E.S.* 1925) 1180 Beacon, Brookline

Balfour, D. C., Jr., *E.M.* 1943
Mayo Clinic, Rochester, Minn.

BALL, R. E., r.p. *Psychiat.* (*McL.*)
McLean Hosp., Belmont

BALLANTINE, H. T., Jr., assoc. v.n.s. (*W.S.* 1939); a.r.s. *W.S.* 1941 and *N.S.* 1941 M. G. H.

Ballard, F. B., Jr., a.r.p. 1958
9750 Old Warson Rd.,
Rock Hill, Mo.

Bally, P. R., a.r.p. 1956
Peter Bent Brigham Hosp.

Bandeian, Alice M., *An.* 1943; a.r.p. *An.* 1944 210 Pine, Holyoke

Bandler, B., r.p. *Psychiat.* 1941
82 Marlborough

Banker, Betty Q., a.r.p. *N.P.* 1954
Children's Med. Center

Banks, H. H., a.r.s. *Or.* 1952
Peter Bent Brigham Hosp.

Banks, R., Jr., *E.S.* 1943
106 S. Enota Dr., Gainesville, Ga.

BARBOUR, JOSEPHINE C., c. *Soc. Serv.* M. G. H.

BARKER, R. H., assoc. obst. (*W.S.* 1937) 1101 Beacon, Brookline

BARLOW, JOHN F., a.r.p. *Path.* M. G. H.

BARLOW, JOHN S., a. *N.* M. G. H.

Barlow, Joseph J., r.p. 1955
Presbyterian Hosp., New York, N.Y.

BARNES, B. A., a. *S.* (*W.S.* 1945); a.r.s. 1952 M. G. H.

Barnett, C. G., *M.* 1954
2506 Green, San Francisco, Calif.

Barnett, T. B., *M.* 1950
Strong Memorial Hosp.,
Rochester, N. Y.

BARNEY, J. D., hon. s. (*E.S.* 1905)
412 Beacon

BARNUM, F. G., Jr., a. *M.* (*W.S.* 1945); j.r.s. 1946 1776 Beacon, Brookline

BARR, J. S., c. *Or.* (*Or.* 1929) M. G. H.

Barretto, O. de F., *An.* 1944
Rua Armando Penteado 356
(Pacaembú), Sáo Paulo, Brasil

Barrow, D. W., *E.S.* 1937
Milwaukee County Hosp.,
Milwaukee, Wis.

Barrows, L. J., r.p. *N.* 1952; r.p. *N.P.* 1953
Hosp. of Univ. of Pennsylvania,
Philadelphia, Pa.

BARRY, H., Jr., assoc. psychiat.; r.p. *Psychiat.* 1944 M. G. H.

Barry, Richard M., a.r.p. 1957
Memorial Center for Cancer and
Allied Dis., 444 E. 68th,
New York, N. Y.

BARRY, RT. REV. ROBERT P., *Trustee* 71 Warner, W. Somerville

Barss, T. P., a.r.p. *An.* 1950
Good Samaritan Hosp., Lexington, Ky.

Barth, T. A., a.r.s. *Or.* 1957
242 N. Sutter, Stockton, Calif.

BARTLETT, M. K., v.s. (*W.S.* 1931) M. G. H.

Bartlett, W. M., *C.M.* 1927
125 Michigan Ave., Decatur, Ga.

Barton, L. G., Jr., *E.S.* 1914
132 Court, Plattsburg, N. Y.

BARTON, T. C., a.r.s. M. G. H.

Bate, J. T., r.s. *U.* 1925
332 W. Broadway, Louisville, Ky.

Batt, R. C., r.p. *R.* 1940
206 Glen, Glens Falls, N. Y.

BATTIT, G. E., a.r.p. *An.* M. G. H.

BAUE, A. E., a.r.s. (*S.* 1955) M. G. H.

*Bauer, F. L., *Path.* 1941
Rodriguez Army Hosp., APO 851,
c/o Postmaster, New York, N. Y.

BAUER, W., c. *M.;* r.p. *W.M.* 1927 M. G. H.

BAUMGARTNER, D. A., Jr., a.r.s. M. G. H.

*Not in States and Cities section of this Directory

Bautista, Florosa A., a.r.p. *C.M.* 1958
Charles V. Chapin Hosp.,
Providence, R. I.

Baxter, C. F., *W.S.* 1944; sr.r.s. *W.S.* 1946
2025 Shore Blvd.,
Astoria, Long Island, N. Y.

Beaman, G. B., r.p. *Psychiat.* (*McL.*) 1936
520 Commonwealth Ave.

BECK, P., a. *Oph.*
43 Austin,
Portsmouth, N. H.

BECK, W. S., a.p. M. G. H.

Bedell, R. F., *C.M.* 1958
New York Hosp., New York, N. Y.

Bedell, W. C., *E.S.* 1945
168 S. Cherry, Poughkeepsie, N. Y.

BEECHER, H. K., c. *An.* (*W.S.* 1934); a.r.s. *W.S.* 1936 M. G. H.

Beeman, C. B., *Path.* 1934
833 Lake Dr., S.E.,
Grand Rapids, Mich.

BEETHAM, W. P., s. *Oph.*
108 Bay State Rd.

BEHRINGER, G. E., a. *S.* (*W.S.* 1946); a.r.s. 1952 M. G. H.

BELL, E., assoc. biol. *N.S.* M. G. H.

Bell, G. O., *W.M.* 1936
321 Crafts Rd., Newton

BELL, JAMES P., a.r.s. *Or.* M. G. H.

Bell, John F., *Or.* 1941
288 Main, Burlington, Vt.

Bell, John W., *E.S.* 1946
Vet. Adm. Hosp., Seattle, Wash.

BELL, N. W., a. sociol. (*McL.*)
McLean Hosp., Belmont

BELLINGER, M. J., clin. assoc. *S.*
114 Waltham, Lexington;
270 Commonwealth Ave.

BENDA, C. E., a. psychiat.
111 Pleasant, Arlington

Bendheim, O. L., *W.M.* 1938
1515 N. 9th, Phoenix, Ariz.

BENDIXEN, H. H., assoc. an.
M. G. H.

BENEDICT, E. B., endoscopist (*W.S.* 1926) M. G. H.

BENEDICT, PATRICIA H., a. *M.*
264 Beacon

Bengle, A. L., Jr., *E.S.* 1947; c.r.p. *An.* 1951
3020 Washington,
San Francisco, Calif.

Bennett, C. B., *Or.* 1923
1122 University Ave., Berkeley, Calif.

BENNETT, DORIS R., clin. assoc. *C.M.* (*C.M.* 1951); a.r.p. *C.M.* 1952
340 Pleasant, Malden

Bennett, Lillian F., *C.M.* 1946
Johns Hopkins Hosp.,
Baltimore, Md.

Bennett, W., *M.* 1948; a.r.p. 1949
340 Pleasant, Malden

BENSON, J. A., Jr., a. *M.* M. G. H.

BERENBERG, W., cons. *C.M.*
Children's Med. Center

Berg, H. W., r.p. *D.* 1936
75 Willett, Albany, N. Y.

Berg, R. L., *M.* 1944; c.r.p. 1950
Strong Memorial Hosp.,
Rochester, N. Y.

Berkheimer, G. A., r.s. *Or.* 1941
112 State, Harrisburg, Pa.

Berkley, H. K., *C.M.* 1916
153 S. Lasky Dr.,
Beverly Hills, Calif.

Berlow, S., *C.M.* 1951; c.r.p. *C.M.* 1954
1513 E. Capitol Dr.,
Milwaukee, Wis.

BERNSTEIN, N. R., a. *Psychiat.*; a.r.p. *Psychiat.* 1954
270 Commonwealth Ave.

BEUSCHER, RUTH, a. attend. psychiat. (*McL.*)
McLean Hosp., Belmont

Bickley, D. W., *W.M.* 1936
318 W. 4th, Waterloo, Iowa

Bidwell, R. LeR., II, *E.S.* 1943; r.s. *N.S.* 1949
203 State, Portland, Maine

Bienvenu, L. J., a.r.p. *D.* 1951
1426 Elm, Manchester, N. H.

Bigelow, F. S., *E.M.* 1943; a.r.p. 1947
Boston City Hosp.

Billig, H. E., Jr., *Or.* 1935
Billig Clinic, Los Angeles, Calif.

BINGER, C. A. L., *Bd. of Cons.* (*E.M.* 1915) M. G. H.

Binion, J. T., *M.* 1953; a.r.p. 1954
National Inst. of Health,
Bethesda, Md.

BIRD, K. T., a.p. (*M.* 1944)
M. G. H.

Bisgard, J. D., *W.S.* 1924
1420 Med. Arts Bldg.,
Omaha, Nebr.

BISGROVE, J. G., a. *Phys. M.* (*McL.*)
McLean Hosp., Belmont

Bishop, R. C., *M.* 1945; a.r.p. 1949
Simpson Memorial Inst.,
Ann Arbor, Mich.

Bixby, H. I., *W.S.* 1924
21 Park, Attleboro

Black, P. H., *M.* 1957; a.r.p. 1958
M. G. H.

Blade, W. R., r.p. *R.* 1958
1604 Dockery Ave., Selma, Calif.

Blades, J. F., *N.S.* 1937
810 W. Franklin, Richmond, Va.

BLAND, E. F., p. (*E.M.* 1929)
M. G. H.
BLANE, H. T., a. psychol. M. G. H.
BLANK, I. H., assoc. biochem. *D.*
M. G. H.
Bliss, H. A., *M.* 1945; a.r.p. 1947
1853 W. Polk, Chicago, Ill.
Block, G. L., r.s. *U.* 1950
1035 Carew Tower, Cincinnati, Ohio
Blodgett, F. M., *C.M.* 1946; c.r.p. *C.M.* 1950
Yale Univ. Sch. of Med.,
New Haven, Conn.
Blodgett, W. H., *Or.* 1940
603 Kales Bldg., Detroit, Mich.
Bloomberg, W., r.p. *N.* 1931
Cushing Vet. Adm. Hosp.,
Framingham
Bloomer, E., *E.S.* 1917
22340 Michigan Ave.,
Dearborn, Mich.
Bloomfield, D. K., r.p. 1957
Dept. of Chem., Harvard Univ.,
Cambridge
Blunden-Morris, Dulcie E., a.r.p. *An.* 1953
306 Patterson Ct.,
Takoma Pk., Md.
BOCK, A. V., *Bd. of Cons.* (*W.M.* 1917); sr.h.p. *W.M.* 1924
13 Holyoke, Cambridge
Boger, W. P., a.r.p. 1942
Norristown State Hosp.,
Norristown, Pa.
Bohrer, S. P., *S.* M. G. H.
BOIVIN, M. J., a.r.p. *An.* M. G. H.
Boller, C., *E.M.* 1929
276 Dorchester Rd.,
Rochester, N. Y.
BONNER, FRANCES J., a. *Psychiat.*
127-A Bay State Rd.
Boone, J. A., *C.M.* 1934
Med. Coll. of South Carolina,
Charleston, S. C.
BOOTH, N. A., dn.s. 82 Day,
Norwood
BORA, F. W., Jr., a.r.s. *Or.* M. G. H.
BORNSTEIN, A. M., a.r.p. *Path.*
M. G. H.
Borden, R. P., *W.S.* 1914
52 Main, New Britain, Conn.
BORUCHOFF, S. A., a. *Oph.*
192 Bay State Rd.
Bosco, H. F., *Dn.* 1946
319 Commonwealth Ave.,
New Britain, Conn.
Bost, F. C., *Or.* 1929
384 Post, San Francisco, Calif.
Boutwell, H. K., *E.M.* 1905
15 Green, Brookline
Bowden, L., *E.S.* 1941; a.r.s. 1942
863 Park Ave., New York, N. Y.
Bowditch, H., *W.M.* 1911
44 Harvard Ave., Brookline
BOWER, W. H., assoc. psychiat. (*McL.*); r.p. *Psychiat.* (*McL.*) 1949
McLean Hosp., Belmont
Boyd, H., *C.M.* 1922
935 Main, Manchester, Conn.
Boyden, A. M., *W.S.* 1934
1216 S. W. Yamhill,
Portland, Oreg.
Boyes, J. H., *Path.* 1930
1401 S. Hope, Los Angeles, Calif.
BRACE, L. D., *Trustee* 67 Milk
BRACONIER, H. E., a.s. *Oph.*
1180 Beacon, Brookline
BRAILEY, A. G., *Bd. of Cons.* (*E.M.* 1930) 1180 Beacon, Brookline
BRAMAN, CONSTANCE L., a. to gen. dir. *P.H.* (*S.N.* 1932) M. G. H.
BRANDSTRUP, N. E., a.r.p. *C.M.*
M. G. H.
Brannon, L. C., r.s. *N.S.* 1955
U. S. Naval Hosp., Philadelphia, Pa.
BRATT, H. A., a.dn.s.
8 Belgrade Ave., Roslindale
Braudo, J. L., a.r.p. *C.M.* 1953
Children's Med. Center
BRAZELTON, T. B., assoc.p. *C.M.*; a.r.p. *C.M.* 1947 51 Brattle,
Cambridge
BRAZIER, MARY A. B., neurophysiol. *N.* M. G. H.
BREED, F. B., a.s. *Oph.*
3 Winter, Salem
Breer, R. D., a.r.p. *C.M.* 1957
690 B, Route 1, Anniston, Ala.
Brendler, S., sr.r.s. *N.S.* 1953
Walter Reed Hosp.,
Washington, D. C.
Brenizer, A. G., Jr., *W.S.* 1942; r.s. 1944 1425 Elizabeth Ave.,
Charlotte, N. C.
BRENNER, J. H., r.p. *Psychiat.* (*McL.*) McLean Hosp., Belmont
Brent, R. L., *C.M.* 1955
Grad. Sch. of Walter Reed Hosp.,
Washington, D. C.
Breslin, J. E., *C.M.* 1938
74 North, Pittsfield
BRESLOW, A., a.r.p. *Path.* M. G. H.
Brewster, H. H., *W.M.* 1940
University Hosp., Cleveland, Ohio
Brewster, W. R., Jr., a.r.p. *An.* 1950
M. G. H.
Bridge, E. M., *C.M.* 1927
Johns Hopkins Hosp.,
Baltimore, Md.

BRIEFER, C., Jr., a.r.p. (*M.* 1959) M. G. H.

Brigham, F. G., *E.M.* 1910
27 Devon Rd., Chestnut Hill

Brindley, C. O., *M.* 1950
Mayo Foundation, Rochester, Minn.

Brock, B. L., *C.M.* 1923
Waverly Hills, Ky.

BROCKHURST, R. J., a.s. *Oph.* (*M.* 1948) 327 Charles

BRODERICK, T. F., Jr., a.s. *Or.;* sr.r.s. *Or.* 1947
1265 Beacon, Brookline

Brooks, P. T., *E.S.* 1943; a.r.s. 1949
Walla Walla Clinic, Walla Walla, Wash.

Broome, R. A., Jr., *M.* 1944
3 W. Columbia, Orlando, Fla.

Brown, C. S., a.r.p. *D.* 1952
8218 Wisconsin Ave., Bethesda, Md.

Brown, F. Bert, *Or.* 1937
612 Drayton, Savannah, Ga.

BROWN, F. HAROLD, acting an. (*McL.*)
665 Great Plain Ave., Needham

Brown, Lloyd, *N.S.* 1938
341 Highland, Milton

Brown, Lloyd T., *S.S.* 1908
Murray Lane, Harvard

BROWN, MADELAINE R., n. M. G. H.

Brown, N. K., *M.* 1957; a.r.p. 1958
Walter Reed Army Med. Center, Washington, D. C.

Brown, Ralph G., *Path.* 1942
722 Prospect Ave., Winnetka, Ill.

Brown, Robert H., *E.S.* 1944; j.r.s. 1945 28 High, Sharon

Brown, Robert K., *W.S.,* 1939; r.s. 1942 1624 Gilpin, Denver, Colo.

BROWN, T., v.s. *Or.;* r.s. *Or.* 1949 M. G. H.

BROWNELL, G. L., assoc. physicist *M.* M. G. H.

Brownsberger, C. N., a.r.p. 1957
630 Atkins Dr., Glendale, Calif.

Brues, A. M., *E.M.* 1932
Argonne National Lab., Lemont, Ill.

Buchanan, R. N., Jr., r.p. *D.* 1941
706 Church, Nashville, Tenn.

Buchanan, W. R., Jr., *C.M.* 1955; r.p. *C.M.* 1957 56 High, Greenfield

BUCHER, NANCY L. R., assoc. biol. *M.* M. G. H.

Buckley, M. J., Jr., *S.* M. G. H.

Bull, E. C., *Or.* 1917
384 Post, San Francisco, Calif.

Bullard, C. W., *W.S.* 1918
194 High, Newburyport

BULLINGTON, S. J., a. *Oph.*
1180 Beacon, Brookline

BULLWINKEL, B., a.r.s. (*S.* 1957) M. G. H.

BUNKER, J. P., an. (*E.S.* 1946); a.r.p. *An.* 1950 M. G. H.

BURBANK, C. B., a.s. (*W.S.* 1939); r.s. 1942
94 Pleasant, Arlington; 270 Commonwealth Ave.

BURGIN, L. B., p. *C.M.* (*C.M.* 1932); r.p. *C.M.* 1935
151 Kent, Brookline

BURKE, J. F., a. *S.* (*S.* 1952); r.s. 1957 M. G. H.

Burland, G. R., a.r.s. 1953
Olds, Alberta, Canada

Burnett, C. H., c.r.p. 1946
Univ. of North Carolina Sch. of Med., Chapel Hill, N. C.

Burnett, F. L., *S.S.* 1908
520 Commonwealth Ave.

Burns, E. M., r.p. *Psychiat.* 1935
2222 N.W. Lovejoy, Portland, Oreg.

BURRAGE, WALTER S., *Bd. of Cons.* (*E.M.* 1927) 330 Dartmouth

Burrage, William C., *E.M.* 1941; a.r.p. 1946 57 Deering, Portland, Maine

Burrow, J. G., *Dn.* 1948; a.r.s. *Dn.* 1949 507 Main, Worcester

Burwell, C. S., *W.M.* 1919; h.p. *W.M.* 1921 416 Marlborough

Bush, R. D., *W.S.* 1943
203 Commonwealth Ave.

BUTLER, A. M., c. *C.M.* M. G. H.

BUTLER, W. T., a.r.p. (*M.* 1959) M. G. H.

Buttles, R. V., r.p. *Path.* 1950
Heaton Hosp., Montpelier, Vt.

Byers, R. K., *E.M.* 1923
Children's Med. Center

Byrnes, R. L., a.r.p. *Path.* 1954
679 S. Westlake Ave., Los Angeles, Calif.

CAIN, A. J., a. psychiat. (*McL.*)
McLean Hosp., Belmont

Calhoun, F. P., Jr., *E.M.* 1938
540 Peachtree Battle Ave., Atlanta, Ga.

CALKINS, E., assoc. p.; c.r.p. 1952 M. G. H.

CALKINS, VIRGINIA B., a. *M.* (*McL.*) McLean Hosp., Belmont

CALLISON, J. R., a.r.s. M. G. H.
CALNAN, A. F., a. *Oph.* 534 Beacon
Cameron, H. S., sr.r.s. *Or.* 1957 450 Central Ave., London, Ontario, Canada
Campbell, C. R., r.p. *Path.* 1955 Mills Memorial Hosp., San Mateo, Calif.
Campbell, J. L., r.p. *An.* 1940 806 Republic Bldg., Denver, Colo.
CANER, G. C., *Bd. of Cons.* (*W.M.* 1924) 63 Marlborough
Canlas, B. D., Jr., r.p. *Path.* 1956 Coll. of Med., Univ. of the Philippines, Manila, P. I.
CANNON, B., v.s. M. G. H.
Cannon, J. A., *E.S.* 1944; a.r.s. *E.S.* 1946 365 W. Doran, Glendale, Calif.
Cantlon, E. L., *E.S.* 1938; r.s. *W.S.* 1941 220 S. Virginia, Reno, Nev.
Cantlon, J. V., *E.S.* 1935; r.s. *E.S.* 1938 130 N. Virginia, Reno, Nev.
CAPLAN, G., assoc. psychiat. 93 Fresh Pond Parkway, Cambridge; Harvard Sch. of Public Health
CAPLAN, L. M., r.p. *Psychiat.* (*McL.*) McLean Hosp., Belmont
Capland, L., r.p. *D.* 1940 541 Lincoln Rd., Miami Beach, Fla.
Capps, J. A., *E.M.* 1896 21 Woodley Rd., Winnetka, Ill.
Capps, R. B., *C.M.* 1931 and *E.M.* 1933 122 S. Michigan Ave., Chicago, Ill.
Capps, S. C., *Path.* 1946; a.r.p. *Path.* 1949 Cincinnati Gen. Hosp., Cincinnati, Ohio
CARDENAL, F. A., a.r.s. *Or.* M. G. H.
Carey, J. M., *W.S.* 1946 76 Miami Ave., Newington, Conn.
Carmichael, Miriam W., a.r.p. *N.* 1956 Med. Coll. of Virginia, Richmond, Va.
Carmody, J. T. B., a.r.s. *N.S.* 1936 65 Elm, Worcester
CARNES, H. A., a. oral s. 29 Bay State Rd.
CARNEY, H. J., a. oral s. 395 Commonwealth Ave.
Carroll, R. E., *E.S.* 1943; r.s. *Or.* 1944 Columbia-Presbyterian Med. Center, New York, N. Y.
CARROLL, W. J. E., s. *Otolar.* 5 Chestnut, Arlington
Carson, P. C., r.s. *Or.* 1940 130 Maple, Springfield
CARTER, E. L., a.r.s. (*S.* 1954) M. G. H.
CARTER, F., a. psychiat.; r.p. *Psychiat.* (*McL.*) 1948 51 Brattle, Cambridge
Carter, G. H., *M.* 1943; a.r.p. 1947; r.p. *Psychiat.* 1948 80 E. Concord
Carter, R. R., r.p. *N.* 1942 553 Med. Arts Bldg., Portland, Oreg.
Cascario, N., Jr., *Dn.* 1944 36 N. 1st, Bangor, Pa.
Case, C. T., *W.S.* 1943 1424 Genesee, Utica, N. Y.
CASS, J. W., Jr., a.p. (*W.M.* 1931) 1101 Beacon, Brookline
CASTEN, V. G., s. *Oph.* (*N.* 1929) 412 Beacon
Castle, W. B., *E.M.* 1923 Boston City Hosp.
CASTLEMAN, B., c. *Path.* (*Path.* 1932); r.p. *Path.* 1935 M. G. H.
Catterson, L. F., *C.M.* 1924 107½ High Ave., Oskaloosa, Iowa
CAULFIELD, J. B., a. *Path.* M. G. H.
CAVANAUGH, T., a.s. *Oph.* 395 Commonwealth Ave.
CAVE, E. F., cons. v.s. *Or.* (*E.S.* 1926 and *Or.* 1928) 264 Beacon
Cecil, L. McF., *M.* 1950 University Hosp., Ann Arbor, Mich.
CHAFETZ, M. E., assoc. psychiat. M. G. H.
Chaffin, G. L., *E.S.* 1918; h.s. *W.S.* 1921 and *U.* 1921 1136 W. 6th, Los Angeles, Calif.
Chamberlain, J. M., *N.S.* 1934 and *W.S.* 1937 23 E. 79th, New York, N. Y.
Chamberlin, H. R., *C.M.* 1949 Univ. of North Carolina Sch. of Med., Chapel Hill, N. C.
CHAMBERLIN, R. W., Jr., a.r.p. *C.M.* M. G. H.
Chapin, L. D., *E.M.* 1908 20 Maple, Springfield
Chaplin, H., Jr., *M.* 1948; r.p. 1950 Washington Univ. Sch. of Med., St. Louis, Mo.
Chapman, C. Ethelyn, *An.* 1937; r.p. *An.* 1938 Box 343, Rochester, Minn.
CHAPMAN, E. M., p. (*W.M.* 1931); c.r.p. 1934 M. G. H
CHAPMAN, R. B., a. *Oph.* 35 Greenleaf, Quincy

Charash, L. I., a.r.p. *C.M.* 1952
87 Webster, Irvington, N. J.

Chase, J. S., *E.S.* 1940
141 W. Elm, Brockton

CHASEN, MIGNON C., a. attend. psychiat. (*McL.*)
147 Samoset Ave., Quincy

Cheer, Sheo-Nan, *E.M.* 1922
VAC Med. Serv.,
Martinsburg, W. Va.

Cheney, M. C., *W.M.* 1918
2560 Bancroft Way, Berkeley, Calif.

Chernoff, A. I., *M.* 1948
120 Dwight, New Haven, Conn.

CHISHOLM, J. F., Jr., a.s. *Oph.*
330 Dartmouth

Chittick, R. A., r.p. *Psychiat.* (*McL.*) 1938
Vermont State Hosp.,
Waterbury, Vt.

CHRIST, J., a. psychiat. (*McL.*)
McLean Hosp., Belmont

Christensen, W. R., *W.M.* 1943
Salt Lake County Gen. Hosp.,
Salt Lake City, Utah

Christenson, W. N., *M.* 1949; a.r.p. 1950
New York Hosp., New York, N. Y.

CHRISTMAN, G., a. oral s. (*Dn.* 1951); a.r.s. *Dn.* 1952
403 Commonwealth Ave.

CHURCHILL, E. D., c. *S.* (*W.S.* 1922); h.s. 1923 M. G. H.

CHUTE, R., *Bd. of Cons.* (*E.S.* 1929)
Vet. Adm. Hosp.,
150 S. Huntington Ave.,
Jamaica Plain

Ciano, J. F., *Dn.* 1954
350 Hancock, Quincy

Claiborne, T. S., *W.M.* 1934
384 Peachtree, N.E., Atlanta, Ga.

Claman, H. N., r.p. 1958
address unknown

Clapp, S., *N.S.* 1939
1926 W. Superior, Duluth, Minn.

CLARK, DEAN A., gen. dir. M.G.H.

Clark, DeWitt S., Jr., *E.S.* 1915
2 Oliver, Salem

Clark, G. O., *E.S.* 1904
633 Lilac Dr., Santa Barbara, Calif.

Clark, J. G., Jr., r.p. *Psychiat.* 1955; r.p. *Psychiat.* (*McL.*) 1958
McLean Hosp., Belmont

Clark, L. D., *M.* 1948; r.p. *Psychiat.* 1950
Salt Lake County Gen. Hosp.,
Salt Lake City, Utah

Clark, M. M., *Or.* 1928
38 N. Goodman, Rochester, N. Y.

Clark, N. H., *W.M.* 1905
286 River Ave., Holland, Mich.

CLARK, R. J., assoc. p. (*W.M.* 1933)
15 Dix, Winchester

Clark, S. L., Jr., *M.* 1950
Vanderbilt Univ. Sch. of Med.,
Nashville, Tenn.

Clarke, B. G., *E.M.* 1943
Pratt Diagnostic Clinic

CLAY, C. L., a.dir. M. G. H.

Clement, J. D., Jr., *W.S.* 1944
77 Essex, Bangor, Maine

Clement, S. P., Jr., *M.* 1956
1266 4th, Sarasota, Fla.

Clifford, M. H., a.r.p. 1935
Union Central Life Ins. Co.,
Cincinnati, Ohio

CLIFFORD, S. H., cons. *C.M.* (*E.M.* 1927) Boston Lying-in Hosp.

CLINE, H. S., a. attend. psychiat. (*McL.*); a.r.p. *Psychiat.* 1956
416 Marlborough

Cline, J. W., Jr., *E.S.* 1927
490 Post, San Francisco, Calif.

CLOUGH, J. M., a.s. *Oph.*
266 Beacon

Clowes, G. H. A., Jr., a.r.s. 1948
Cleveland Metropolitan Gen. Hosp.,
Cleveland, Ohio

Cobb, C. A., Jr., r.p. *N.* 1948
Vanderbilt Med. Sch.,
University Hosp., Nashville, Tenn.

COBB, S., *Bd. of Cons.*; cons. psychiat. (*McL.*) M. G. H.

Cobbs, B. W., Jr., *M.* 1953; r.p. 1955
Emory Univ. Clinic,
Atlanta, Ga.

Cochran, William D., a.r.p. *C.M.* 1954
Children's Med. Center

COCHRAN, WILLIAMS, clin. assoc. *Or.* 266 Beacon

Coe, R. C., *S.* 1951; r.s. 1955
1115 Columbia, Seattle, Wash.

COGAN, D. G., s. *Oph.* and dir. Howe Lab. Mass. E. & E. Inf.

Coggeshall, H. C., *W.M.* 1935
5105 Vandelio, Dallas, Tex.

Coggins, C. H., *M.* M. G. H.

COGSWELL, THELMA B., exec. a. *M.G.H. Clin.* (*S.N.* 1926) M. G. H.

COHEN, A., a.p. *C.M.*
1093 Beacon, Brookline

Cohen, I. J., *C.M.* 1931
372 Parkside Ave., Brooklyn, N. Y.

Cohen, J., a.r.s. *Or.* 1950
Children's Med. Center

COHEN, MANDEL E., n.; a.r.p. *Psychiat.* 1936 M. G. H.

COHEN, MORRIS, cons. *Or.*
M.I.T., Cambridge

COHEN, R. B., a. path.; r.p. *Path.* 1953
M. G. H.

Cohn, R. B., *Path.* 1933 and *E.S.* 1936; r.s. *N.S.* 1934 and *W.S.* 1937
Stanford Lane, San Francisco, Calif.

Cohn, Z. A., *M.* 1954; a.r.p. 1955
Inst. of Research, Walter Reed Army Hosp. (Army Med. Center), Washington, D.C.

COLBY, F. H., *Bd. of Cons.* (*W.S.* 1920)
262 Beacon

Cole, C. H., *Path.* 1935
111 W. Main, Waterbury, Conn.

COLE, E. M., n.; r.p. *N.* 1932; r.p. *Psychiat.* 1934 (*McL.*)
M. G. H.

COLE, M., a.r.p. *N.*
M. G. H.

Coles, M. R., a.r.p. *Psychiat.* 1956; r.p. *Psychiat.* (*McL.*) 1957
M. G. H.

Coley, Mary S., *C.M.* 1955
49 Thornton Rd., Brookline

Coller, F. A., *W.S.* 1914; h.s. *W.S.* 1915
University Hosp., Ann Arbor, Mich.

COLLINS, D. L., Jr., a.r.s. (*S.* 1955)
M. G. H.

COLLINS, G. H., a.r.p. *Path.*
M. G. H.

Collins, H. Douglas, *M.* 1953; r.p. 1955
8 N. Main, Caribou, Maine

Collins, Harvey S., *M.* 1944; a.r.p. 1945
Memorial Hosp., New York, N. Y.

Collins, R., *E.S.* 1933
202 W. Glendale Ave., Alexandria, Va.

Colokathis, P., a.r.s. *Or.* 1954
795 Elm, Manchester, N. H.

Colpitts, G. E., r.p. *Path.* 1952
Dalhousie Med. Sch., Halifax, Nova Scotia, Canada

Colquhoun, J. B., *Or.* 1927
81 Collins, Melbourne, Victoria, Australia

Colwell, H. S., *E.M.* 1916
158 Whitney Ave., New Haven, Conn.

Comly, H. H., *C.M.* 1944
951 E. Lafayette, Detroit, Mich.

Compton, D. W., r.p. *An.* 1946
905 E. Columbia, Seattle, Wash.

Congdon, R. T., *W.S.* 1909
203 Palouse, Wenatchee, Wash.

Conley, J. E., *E.S.* 1941; a.r.s. 1942
425 E. Wisconsin Ave., Milwaukee, Wis.

Connelly, J. P., *C.M.* 1957; a.r.p. *C.M.* 1958
76 W. Norman Ave., Dayton, Ohio

Conrad, Elizabeth, a.r.p. *C.M.* 1945
2240 Cloverdale Ave., Winston- Salem, N. C.

CONSTABLE, J. D., r.s. (*S.* 1953)
M. G. H.

Cook, C. D., a.r.p. *C.M.* 1949
Boston Lying-in Hosp.

Coolidge, J. C., *C.M.* 1945
12 Orchard Rd., Belmont

Coolidge, T. B., *W.M.* 1929
Duke Univ., Durham, N. C.

Coombs, F. S., Jr., a.r.p. 1937
803 Home Savings and Loan Bldg., Youngstown, Ohio

Coons, A. H., *E.M.* 1939
949 Canton Ave., Milton

Cooper, L. F., *W.M.* 1928
2222 Q, N. W., Washington, D.C.

COPE, O., v.s. (*W.S.* 1930); r.s. *W.S.* 1932
M. G. H.

Cosby, R. S., *E.M.* 1940
1060 E. Green, Pasadena, Calif.

COSER, ROSE L., assoc. sociol. (*McL.*)
McLean Hosp., Belmont

COSGROVE, W. L., a.dn.s.
12 Waltham, Lexington

Cotter, W. C., r.s. *N.S.* 1957
Children's Med. Center

Cotzias, G. C., *M.* 1944; r.p. *N.* 1945; a.r.p. 1946
Med. Dept., Brookhaven National Lab., Associated Universities, Inc., Upton, Long Island, N. Y.

COVITZ, E. E., a.s. *Oph.*
475 Commonwealth Ave.

Cozen, L., *Or.* 1938
6221 Wilshire Blvd., Los Angeles, Calif.

CRABTREE, H. H., hon.s. (*E.S.* 1913); h.s. *W.S.* 1914 and *U.* 1919
1101 Beacon, Brookline

Craddock, C. G., Jr., a.r.p. *Psychiat.* 1950
Univ. of California Med. Center, Los Angeles, Calif.

Craige, E., *M.* 1943; r.p. 1948
North Carolina Memorial Hosp., Chapel Hill, N. C.

Crandell, W. B., a.r.s. 1941
Vet. Adm. Hosp., White River Junction, Vt.

Crawford, E. S., *E.S.* 1947; r.s. 1954
Baylor Univ. Coll. of Med., Houston, Tex.

Crawford, H. B., *Or.* 1931; r.s. *Or.* 1932
35 Chestnut, Rochester, N. Y.

CRAWFORD, J. D., p. *C.M.* (*C.M.* 1945); c.r.p. *C.M.* 1949 M. G. H.
CROCKETT, D. C., assoc. dir. *Resources and Development* M. G.H.
Croll, Diane, r.p. *Path.* 1948
University Hosp., Iowa City, Iowa
Crone, N. L., *W.M.* 1933; r.p. 1937
Harvard Grad. Sch. of Business Adm.
CRONIN, T. P., a.s. *Oph.*
94 Pleasant, Arlington
CRONKHITE, L. W., Jr., a. *M.* (*M.* 1950); r.p. 1953 M. G. H.
Crothers, B., *W.M.* 1911
Children's Med. Center
Crystal, D. K., *W.S.* 1942; r.s. *W.S.* 1946 1110 Harvard Ave., Seattle, Wash.
Cudney, E. B., *Or.* 1926
Pontiac Motor Co., Pontiac, Mich.
CULVER, P. J., a.p. (*E.M.* 1942) M. G. H.
Cummer, F. H., Jr., sr. r.p. *Psychiat.* (*McL.*) 1950 80 E. Concord
Cunningham, T. D., *W.M.* 1918 and *C.M.* 1920
1612 Tremont Pl., Denver, Colo.
CURRENS, J. H., a. *M.* M. G. H.
Currie, R. A., *S.* 1950; a.r.s. 1954
2818 Virginia Rd., Augusta, Ga.
CURTIN, R.R., a. *S.* (*S.* 1953); a.r.s. 1957 226 Marlborough
Cutts, F. B., *W.M.* 1934
315 Olney, Providence, R. I.
DAFFINEE, R. W., clin. assoc. *C.M.* (*C.M.* 1930); r.p. *C.M.* 1931
8 Porter, Melrose
Daggett, W. M., Jr., *S.* M. G. H.
Dahl, L. K., c.r.p. 1947
Med. Dept., Brookhaven National Lab., Associated Universities, Inc., Upton, Long Island, N. Y.
DALAND, E. M., *Bd. of Cons.* (*W.S.* 1918) 483 Beacon
D'Alessandro, G. L., a.r.p. *An.* 1950
275 Forest Ave., Glen Ridge, N. J.
DALRYMPLE, W., a. *M.* (*M.* 1947)
Harvard Univ. Health Serv., Cambridge
DALTON, JOHN C., a. *M.*
330 Dartmouth
Dalton, John E., r.p. *S.M.* 1928
23 E. Ohio, Indianapolis, Ind.
DALY, HELEN M., exec. a. (*S.N.* 1922) M. G. H.
DAMIANI, C. R., a. *D.*; r.p. *D.* 1946
16 Norwich, Worcester
Damon, A., *M.* 1952
Harvard Sch. of Public Health
DANIELS, E. M., assoc. psychiat. (*McL.*) McLean Hosp., Belmont
DANIELS, HADASSAH S., a. attend. psychiat. (*McL.*) 520 Beacon
Dann, D. S., h.p. *R.* 1922
701 E. 63rd, Kansas City, Mo.
Darling, R. C., Jr., *C.M.* 1954; a.r.s. 1958 M. G. H.
d'AUTREMONT, C. C., a. attend. psychiat. (*McL.*); r.p. *N.* 1948
Children's Med. Center
DAVANLOO, H., a.r.p. *Psychiat.*
M. G. H.
David, J. R., *M.* 1956; a.r.p. 1957
National Inst. of Health, Bethesda, Md.
David, S. D., *Or.* 1922
1215 Walker Ave., Houston, Tex.
DAVIDSON, G. E., a. *Psychiat.*
M. G. H.
DAVIES, J. A. V., *Bd. of Cons.*
319 Longwood Ave.
Davis, A. G., *Or.* 1922
address unknown
Davis, B. M., a.r.s. *W.S.* 1942
USPHS, Washington, D. C.
Davis, J. M., *S.* 1948; a.r.s. 1952
1661 Riverside Ave., Jacksonville, Fla.
DAVIS, NANCY L., a.r.p. *An.*
M. G. H.
DAWES, D. C., a. psychiat.; r.p. *Psychiat.* (*McL.*) 1939
51 Brattle, Cambridge
DAWSON, CHARLES B., a. psychol. (*McL.*) McLean Hosp., Belmont
Dawson, Clyde W., *Or.* 1936
150 E. Broad, Columbus, Ohio
DeBLOIS, ELIZABETH, a.s. *Otolar.*
247 Commonwealth Ave.
DeBusk, F. L., *C.M.* 1947; a.r.p. *C.M.* 1950 303 Dodge Ave., New Orleans, La.
DECKER, B. L., assoc.p. (*C.M.* 1931 and *W.M.* 1932) 266 Beacon
DeCLERQUE, G., admin. a. M. G. H.
DEGEN, J. W., a. dir. M. G. H.
De Groot, L. J., r.p. 1957 M. G. H.
DeLORME, T. L., a. *Or.*; sr.r.s. *Or.* 1955 M. G. H.
d'Elseaux, F. C., *W.M.* 1929
37 Marlborough
de MARNEFFE, F. L. A., a. psychiat. (*McL.*); a.r.p. *Psychiat.* 1952
84 Garden, Cambridge
DEMING, RUTH, exec. a. *M. G. H. Clin.* (*S.N.* 1925) M. G. H.
de MOLA, L. L., a.r.p. *Path.* M. G. H.

DEMPSEY, P. A., dn.s.
56 Melville Ave., Dorchester
Dennie, C. C., *D.* 1914
1524 Professional Bldg.,
Kansas City, Mo.
Denton, Jane E., *M.* 1946; a.r.p. 1946
Cushing Vet. Adm. Hosp.,
Framingham
DePRIEST, O. S., III, a.r.s. (*S.* 1955)
M. G. H.
Derby, J. P., *Or.* 1925
20 Maple, Springfield
Derow, H. A., *Path.* 1928 520 Beacon
Derow, S., *Path.* 1931
925 Centre, Newton Centre
Derrick, C. C., *Path.* 1940 and *E.M.* 1942; r.p. *Path.* 1941
25 Maple, Springfield
DeSANCTIS, R. W., a.r.p. (*M.* 1956)
M. G. H.
Detwiler, Robert C., a.r.s. *Or.* 1956
68 Charlton Ave., West,
Hamilton, Ontario, Canada
Detwiler, Robert H., *C.M.* 1940
13th and N. Hudson, Arlington, Va.
DEUTSCH, HELENE, *Bd. of Cons.*
44 Larchwood Dr., Cambridge
Dewey, E. B., *E.S.* 1921
Thatcher Med. Center,
960 E. Green, Pasadena, Calif.
DeWILDE, H., clin. assoc. *Dn.*
188 Longwood Ave.
DEXTER, C. J., clin. assoc. *S.*
51 Brattle, Cambridge
Deykin, D., *M.* 1958
Beth Israel Hosp.
DIAMOND, L. K., cons. *C.M.*
Children's Med. Center
Dickersin, G. R., a.r.p. *Path.* 1957
M. G. H.
Dickson, Carol C., *M.* 1948; *C.M.* 1949 1 University Pl.,
New York, N. Y.
DICKSON, W. A., assoc. p. *C.M.* (*C.M.* 1946); a.r.p. *C.M.* 1947
266 Beacon
Diehl, Sylvia Davies, a.r.p. *C.M.* 1958
Albert Einstein Coll. of Med.,
New York, N. Y.
DIENES, L., cons. b. M. G. H.
DILLON, H. T., Jr., a.r.p. *Path.* (*Path.* 1958) M. G. H.
Dillon, V. M., *Or.* 1932
490 Post, San Francisco, Calif.
DIMON, J. H., III, sr.r.s. *Or.* M. G. H.
Diner, Wilma Canada, a.r.p. *Path.* 1951; r.p. *R.* 1954
Univ. of Arkansas Med. Center,
Little Rock, Ark.
DINSMORE, P. R., r.p. *Psychiat.* (*McL.*) McLean Hosp., Belmont
Ditmore, H. B., Jr., *S.* 1954; a.r.s. 1958 c/o H. B. Ditmore, Sr.,
Marshall, N. C.
Dodd, R. B., a.r.p. *An.* 1950
Barnes Hosp., St. Louis, Mo.
DODGE, P. R., assoc.n. and assoc.p. *C.M.* M. G. H.
Dodge, R. S., a.r.s. *Or.* 1946
402 Dillingham Bldg.,
Honolulu, Hawaii
Dodson, L. C., r.s. *P.H.* 1932
330 Allen, Owensboro, Ky.
Dohan, F. C., a.r.p. 1935
Hosp. of Univ. of Pennsylvania,
Philadelphia, Pa.
Doisy, E. A., Jr., *M.* 1945
St. Louis Univ. Med. Sch.,
St. Louis, Mo.
Dole, K. L., *E.S.* 1917
47 E. Vine, Redlands, Calif.
Dole, V. P., Jr., *E.M.* 1941
Rockefeller Inst. Hosp.,
New York, N. Y.
Donaghy, R. M. P., *N.S.* 1939; r.s. *N.S.* 1942 Mary Fletcher Hosp.,
Burlington, Vt.
DONAHUE, H. C., assoc. s. *Oph.*
520 Commonwealth Ave.
Donald, J. H., *M.* 1947; a.r.p. 1948
1545 W. Colorado Blvd.,
Dallas, Tex.
DONALDSON, D. D., a. *Oph.*
Mass. E. & E. Inf.
DONALDSON, G. A., assoc. v.s. (*E.S.* 1938); r.s. 1942 M. G. H.
DONNELLY, E. W., a.r.p. *R.*
M. G. H.
Donner, R., a.r.p. *Path.* 1957
Pr. Hendriklaan 27,
Amsterdam, Holland
Donovan, J. F., sr. r.s. *Or.* 1957
85 Jefferson, Hartford, Conn.
DOWLING, J. L., Jr., a. *Oph.*
207 Waterman, Providence, R. I.
DRACHMAN, D. A., r.p. *N.*
M. G. H.
Drake, E. H., a.r.s. 1945
18 Bramhall, Portland, Maine
Drake, T. G., a.r.p. 1937
4515 Lindell Blvd., St. Louis, Mo.
Dresel, R. L., *Or.* 1921
450 Sutter, San Francisco, Calif.
Drewry, G. R., *M.* 1953
994 Sumner Ave., Springfield
DREYFUS, P. M., a.n.; r.p. *N.* 1955
M. G. H.
DREYFUSS, J. R., a.r. M. G. H.

DROOKER, J. C., assoc. s. *Otolar.*
20 Charlesgate West
DUDA, G. A., r.p. *Psychiat.* (*McL.*)
McLean Hosp., Belmont
DUDLEY, H. R., Jr., a. *Path.* (*M.* 1953); a.r.p. *Path.* 1954 M. G. H.
Duffy, R. J., r.p. *Psychiat.* (*McL.*) 1935 482 Beacon
DUGGAN, J. A., a. *C.M.*
713 Pleasant, Worcester
Dulin, J. W., *Path.* 1933
University Hosp., Iowa City, Iowa
DUNCAN, C. J., a. obst.
1101 Beacon, Brookline
Duncombe, A. L., *E.M.* 1934
336 Pleasant, Brockton
Dunn, E., a.r.s. 1956
1200 E. Genesee, Syracuse, N. Y.
Dunn, Fa-Chi, a.r.p. *D.* 1954
280 W. MacArthur Blvd.,
Oakland, Calif.
DUNN, WILLIAM L., a.r.p. *Path.*
M. G. H.
Dunn, William M., *E.S.* 1912
address unknown
DUNPHY, E. B., c. *Oph.*
Mass. E. & E. Inf.
Durno, E. R., *E.S.* 1929
7 S. Central Ave., Medford, Oreg.
D'Urso, J. J., r.p. *D.* 1944
301 Essex, Lawrence
DUXBURY, J. H., sr.a.r.s. *U.*
M. G. H.
Dwight, R. W., *W.S.* 1931
Vet. Adm. Hosp.,
150 S. Huntington Ave.,
Jamaica Plain
Dwyer, J. H., a.r.p. *C.M.* 1956; r.p. *Psychiat.* (*McL.*) 1958
McLean Hosp., Belmont
DYER, E. C., clin. assoc. *C.M.*
1180 Beacon, Brookline
EASTON, M. T., s. *Oph.*
1180 Beacon, Brookline
Edelman, G. M., *M.* 1955
132 Cross Bay Blvd.,
Ozone Park, N. Y.
Edgelow, A. F. G., *W.S.* 1921
76 Maple, Springfield
Edmonds, H. W., r.p. *Path.* 1942
909 University, Seattle, Wash.
EDMUNDS, L. H., Jr., a.r.s. (*S.* 1957) M. G. H.
Edsall, G., *E.M.* 1936
Walter Reed Army Inst. of Research,
Washington, D. C.
Edwards, W. S., *W.S.* 1946; a.r.s. 1952 Med. Coll. of Alabama,
Birmingham, Ala.
Egel, N., r.s. *Or.* 1938
917 Stella Ave., Plainfield, N. J.
Egloff, F. R. L., r.p. *Psychiat.* 1951
1007 Farmington Ave.,
W. Hartford, Conn.
Ehrenkranz, N. J., *M.* 1950; r.p. 1954
Univ. of Miami Sch. of Med.,
Miami, Fla.
Eiseman, B., *E.S.* 1943
Vet. Adm. Hosp., Denver, Colo.
ELDRED, S. H., assoc. psychiat. (*McL.*) McLean Hosp., Belmont
ELDREDGE, L. L., Jr., a.p. *C.M.*; a.r.p. *C.M.* 1951 215 Main,
Hingham
Eliel, L. P., *E.M.* 1942
Oklahoma Med. Res. Inst.,
Oklahoma City, Okla.
Ellery, S. W., *E.S.* 1943
923 Rosewell Ave.,
Long Beach, Calif.
ELLETT, W. H., a. physicist *M.*
M. G. H.
ELLING, R. H., a. sociol. *Psychiat.*
5 Myrtle
Elliot, H. L., r.p. *An.* 1942
479 Beacon, Manchester, N. H.
Elliott, J. A., Jr., *M.* 1945
1012 Kings Dr., Charlotte, N. C.
ELLIS, D. S., assoc. p. (*E.M.* 1941)
M. G. H.
Ellis, Effie O., *C.M.* 1951; a.r.p. *C.M.* 1952
110 S. Oakley, Columbus, Ohio
Ellis, L. B., *E.M.* 1928
319 Longwood Ave.
Elrick, H. E., *M.* 1944; a.r.p. 1947
1055 Clermont, Denver, Colo.
EMERSON, G. F., clin. assoc. *S.* (*E.S.* 1939); r.s. 1942
764 Main, Hingham
Emerson, K., *E.S.* 1902
721 Huntington Ave.
Emmons, A. B., II, *W.S.* 1905
Bay View Estates, Brewster Dr.,
Largo, Fla.
ENDEE, C. H., a.dn.s.
6 Marlborough
ENGEL, L. L., assoc. biochem. *M.*
M. G. H.
ENGLAND, A. C., Jr., a. *N.*
M. G. H.
English, H. S., a.r.p. *N.P.* 1948
1611 Genesee, Utica, N. Y.
Enterline, J. D., *E.S.* 1943; j.r.s. 1944
Box 381, Millwood, Wash.
Eppright, R. H., a.r.s. *Or.* 1955
1803 Calumet, Houston, Tex.

ERVIN, F. R., a. psychiat.
131 Sumner, Newton Centre
ESSEMBER, L. J., a.p. *C.M.*; a.r.p. *C.M.* 1953 Beverly Hosp., Beverly
Esslinger, J. O., a.r.s. *Or.* 1952
76 W. Adams Ave., Detroit, Mich.
EUSTIS, R. S., *Bd. of Cons.* (*W.M.* 1912 and *C.M.* 1913)
Hancock, N. H.
EVANS, M. G., s. *Otolar.*
416 Marlborough
Evans, Richard R., *Path.* 1944
Cleveland Clinic, 2020 E. 93rd, Cleveland, Ohio
EVANS, ROBLEY D., cons. *Physics*
M. I. T., Cambridge
Evans, S. S., *E.S.* 1945; a.r.s. 1950
619 S. Broadway, McAllen, Tex.
Everett, H. C., III, a.r.p. *Psychiat.* 1958
Student Health Service, Univ. of Illinois, Champaign, Ill.
Ewell, J. W., *W.M.* 1937
Dept. of Hygiene and Health, Yale Univ., New Haven, Conn.
Ewer, E. G., *Or.* 1936
1624 Franklin, Oakland, Calif.
Exley, M. M., r.s. *U.* 1938
515 Med. Arts Bldg., Norfolk, Va.
Eyler, W. R., *C.M.* 1943; r.p. *R.* 1949
Henry Ford Hosp., Detroit, Mich.
Fairlie, C. W., Jr., *W.M.* 1942; r.p. 1947
85 Jefferson, Hartford, Conn.
Fallon, J. T., *C.M.* 1925
Charles V. Chapin Hosp., Providence, R. I.
Fang, H. C.-H., a.r.p. *Psychiat.* 1952
Boston City Hosp.
Farmer, D. A., *W.S.* 1943
203 Commonwealth Ave.
FARNSWORTH, D. L., p. (*W.M.* 1935) 15 Holyoke, Cambridge
Farrell, M. E., *C.M.* 1934
318 Spring Ave., Clarksburg, W. Va.
FARRISEY, CLAIRE G., admin. a. (*R.N.*) M. G. H.
FARRISEY, RUTH M., exec. o. *M. G. H. Clin.* (*S.N.* 1938)
M. G. H.
Faulkner, J. M., *E.M.* 1925
Med. Dept., M.I.T., Cambridge
Faust, L. W., r.s. *U.* 1924
425 Med. Arts Bldg., Grand Rapids, Mich.
Fawcett, D. W., *W.S.* 1943
H. M. S.
FAXON, H. H., *Bd. of Cons.* (*E.S.* 1927); r.s. *E.S.* 1928
Vet. Adm. Hosp., 150 S. Huntington Ave., Jamaica Plain
FAXON, N. W., dir. emeritus (*S.S.* 1906) W. Falmouth
Fay, G. F., a.r.s. *Or.* 1957
1101 Beacon, Brookline
FAY, J. H., a.p. (*E.M.* 1929)
226 Marlborough
Fearer, N. H., *C.M.* 1957; a.r.p. *C.M.* 1958 Boston City Hosp.
Federman, D. D., *M.* 1954; a.r.p. 1955
National Inst. of Health, Bethesda, Md.
FEENEY, F. J., a.dn.s.
444 Essex, Lawrence
Fennell, R. H., Jr., sr.r.p. *Path.* 1949
Presbyterian Hosp., Pittsburgh, Pa.
Ferguson, A. B., Jr., a.r.s. *Or.* 1950
Children's Hosp., Pittsburgh, Pa.
FERGUSON, E. L., a.r.s. (*S.* 1954)
M. G. H.
FERGUSON, I. A., Jr., a.r.s. (*S.* 1953)
M. G. H.
Ferguson, J. J., Jr., *M.* 1951; r.p. 1955
507 Bryn Mawr Ave., Swarthmore, Pa.
FERNANDEZ-MORAN, H. A. V., assoc. biophysicist *N.S.* M. G. H.
FERRIS, B. G., cons. *M.*
Harvard Sch. of Public Health
Field, H., Jr., *C.M.* 1921 and *E.M.* 1922; r.p. *E.M.* 1925
Vet. Adm. Center, Martinsburg, W. Va.
Field, J. B., *M.* 1952; r.p. 1954
National Inst. of Arthritic and Metabolic Dis., National Inst. of Health, Bethesda, Md.
FIELD, R. A., a.p. (*M.* 1950); c.r.p. 1955 M. G. H.
FIENBERG, R., clin. assoc. *Path.*
M. G. H.
Finck, A. J., a.r.p. *An.* 1949
Beth Israel Hosp.
Findlay, F. M., *E.S.* 1924
Masonic Bldg., Kingman, Ariz.
Fine, J., a.r.s. 1927
330 Brookline Ave.
FINESINGER, A. L., a. *Psychiat.*
296 Beacon
Finkenstaedt, J. T., *M.* 1947; r.p. 1949
Peter Bent Brigham Hosp.
FINLAYSON, N. B., a.r.p. *Path.*
M. G. H.

Finley, K. H., *W.M.* 1934; r.p. *N.* 1936
450 Sutter, San Francisco, Calif.

Firminger, H. I., sr.r.p. *Path.* 1947
National Cancer Inst., Bethesda, Md.

Fish, J. E., *E.S.* 1930; r.s. *E.S.* 1932
Lahey Clinic

FISHER, C. M., n. and assoc. n.p.
M. G. H.

Fisher, Mary S., *M.* 1949
Vet. Adm. Hosp., Philadelphia, Pa.

FISHMAN, N., clin. assoc. *Dn.*
361 Nichols, Norwood

Fishman, R. A., r.p. *N.* 1950
Columbia-Presbyterian Med. Center, New York, N. Y.

Fitch, R. R., *W.M.* 1904
Northeast Harbor, Maine

Fite, E. H., *E.S.* 1926
204 N. 3rd, Muskogee, Okla.

Fitts, J. B., *Or.* 1917
923 W. Franklin, Richmond, Va.

FITZHUGH, G., p. 330 Dartmouth

FITZPATRICK, T. B., c. *D.* M. G. H.

Flagg, J. A., a.r.p. *An.* 1955
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Flanagan, N. B., a.r.p. *Psychiat.* 1940
270 Commonwealth Ave.

Flood, W. E., a.r.p. *D.* 1942
1106 Med. Arts Bldg., Fort Worth, Tex.

Flook, S. E., *Or.* 1940
137 N. Main, Dayton, Ohio

FLORENCE, D. W., a.r.s. *Or.*
M. G. H.

Floyd, C., *W.M.* 1904
55 Appleton, Cambridge

FLYNN, J. G., clin. assoc. *C.M.* (*C.M.* 1943); a.r.p. *C.M.* 1947
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FOLCH-PI, J., dir. *Sc. Res.* (*McL.*)
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Foldes, F. F., r.p. *An.* 1943
Mercy Hosp., Pittsburgh, Pa.

Foley, T. M., *Or.* 1915
140 Quince, San Diego, Calif.

FOLKMAN, M. J., a.r.s. (*S.* 1958)
M. G. H.

FOLLENSBY, EDNA M., a. immunol. *M.*
M. G. H.

Folsom, H. F., *W.M.* 1931
198 Union Ave., Framingham

FORBES, A., cons. *Neurophysiol.*
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FORBES, ANNE P., a.p. M. G. H.

Forbes, Vassilike A.-C., *C.M.* 1956
9 Ware, Cambridge

Ford, A. B., *M.* 1950; a.r.p. 1952
Benjamin Rose Hosp., Cleveland, Ohio

FORD, R., cons. *Forensic Path.*
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Fornshell, R. P., sr.r.s. *Or.* 1958
345 Main, Danbury, Conn.

FORRANT, HELEN, exec. a. (*S.N.* 1930)
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Fort, F. L., *Or.* 1922
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Fortune, C. W., *Or.* 1930
716 Sassafras, Erie, Pa.

FOSS, M. W., clin. assoc. *Dn.*
232 Main, Brockton

FOSTER, F. D., a. dir. M. G. H.

FOSTER, G. S., a. *M.* (*M.* 1952); a.r.p. 1953
M. G. H.

Fowler, C. B., *Or.* 1929
10 Cooper, Santa Cruz, Calif.

Fowler, D. M., *E.S.* 1946
80 Mason Ter., Brookline

Frame, B., *M.* 1949; r.p. 1955
Henry Ford Hosp., Detroit, Mich.

Francis, L., a.r.p. *An.* 1950
202 Magnolia, Piedmont, Calif.

FRANK, T., a. *C.M.*; a.r.p. *C.M.* 1953
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FRANKLIN, W., a.p.
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Franseen, C. C., *W.S.* 1932
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Franseen, E. F., j.r.s. *Or.* 1947
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Franz, E. M., a.r.s. *Or.* 1948
1750 Race, Denver, Colo.

FRAZEE, J. R., s. *Otolar.*
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Frazier, H. S., *M.* 1954; a.r.p. 1955
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360 Essex, Salem

FREEDBERG, I. M., a.r.p. *D.*
M. G. H.

Freedman, H. J., *C.M.* 1928
483 Beacon

Freeman, D. W., *C.M.* 1935
112 N. Burnett Ave., Denison, Tex.

Freeman, G. M., *Dn.* 1946
address unknown

Freeman, N. E., r.s. *W.S.* 1935
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Freeman, W. T., *C.M.* 1922
Biltmore, N. C.

FREESE, C. G., Jr., a. *Oph.*
328 Washington, Wellesley Hills

Freiberg, J. A., *Or.* 1926
2939 Vernon Pl., Cincinnati, Ohio

Freinkel, Ruth K., r.p. *D.* 1957
M. G. H.

FREMONT-SMITH, M., *Bd. of Cons.*
12 Hereford

FREYMANN, J. G., a. *M.* (*M.* 1947); a.r.p. 1951 M. G. H.

Frick, Adelaide H. C., a.r.p. *C.M.* 1946 Roslyn, Long Island, N. Y.

FRIED, M. A., assoc. psychol.
5 Myrtle

FRIEDLICH, A. L., assoc.p. (*M.* 1943); r.p. 1948 M. G. H.

Friedman, C. F., *C.M.* 1923
700 Ocean Ave., Brooklyn, N. Y.

Friedman, L. J., *M.* 1956
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FRIEDMAN, S. B., c.r.p. *C.M.* (*C.M.* 1958) M. G. H.

Fritz, W. F., *M.* 1950; a.r.p. 1951
2 W. University Parkway, Baltimore, Md.

FROMER, J. L., clin. assoc. *D.*
Lahey Clinic

Frost, H. M., *W.S.* 1915
Friendship, Maine

Fu, Wen Shou, *C.M.* 1926
1344 Connecticut Ave., Washington, D. C.

Fuchs, P., *W.S.* 1942
3a Ave. 7-34, Guatemala City, Guatemala

Fuldner, R. V., *Or.* 1939
178 Sherman Ave., New Haven, Conn.

Fuller, Henry, *W.M.* 1929
210 Hibriten Way, Lakeland, Fla.

Fuller, Henry S., *W.M.* 1943
Harvard Sch. of Public Health

Funsch, R. E., a.r.s. *Or.* 1951
210 Riverway

Fuson, W. A., r.p. *R.* 1927
905½ Main, Trenton, Mo.

FUTTERMAN, S., biochem. *Oph.*
Mass. E. & E. Inf.

Gabuzda, T. G., *M.* 1956; a.r.p. 1957
M. G. H.

GAFFNEY, T. E., a.r.p. M. G. H.

GAITONDE, M. K., a. biochem. (*McL.*) 11 Howland, Cambridge

Gall, E. A., r.p. *Path.* 1937
Cincinnati Gen. Hosp., Cincinnati, Ohio

Gamble, C. J., *W.M.* 1922
255 Adams, Milton

Gamble, J. L., *W.M.* 1912
Children's Med. Center

Gammon, W. M., *C.M.* 1932
621 Lawrence Ave., Bristol, Va.-Tenn.

Gamsu, D., r.s. *N.S.* 1948
Florence Nightingale Private Hosp., Johannesburg, South Africa

GANEM, E. J., clin. assoc. *U.*
301 Essex, Lawrence

Gannon, Mary L., r.p. *N.P.* 1947
Fairfield, Vt.

GANZ, R. N., assoc. p. *C.M.* (*C.M.* 1925) 262 Beacon; M. G. H.

GARCELON, G. G., clin. assoc. *S.*
701 Washington, Newtonville

GARDELLA, J. W., a. *M.* (*M.* 1945); a.r.p. 1946 M. G. H.

Gardiner, W. J., r.p. *E.M.* 1929
Toronto Gen. Hosp., Toronto, Canada

Gardner, G. E., *C.M.* 1938; r.p. *C.M.* 1939 7 Trapelo Rd., Belmont

Gardner, L. I., *C.M.* 1944; a.r.p. *C.M.* 1947 Coll. of Med., State Univ. of N. Y., Syracuse, N. Y.

GARLAND, J., *Bd. of Cons.* (*C.M.* 1919 and *E.M.* 1921)
8 The Fenway

Garran, F. W., Jr., *S.* 1951; a.r.s. 1955
40 Lewis Bay Rd., Hyannis

GARRETT, J. W. D., assoc. an. (*An.* 1940); r.p. *An.* 1941 M. G. H.

GARREY, W. E., clin. assoc. *S.* (*E.S.* 1933); r.s. 1936
1180 Beacon, Brookline

Garrigues, H. B., *W.S.* 1939; a.r.s. *W.S.* 1940 1116 Summit Ave., Seattle, Wash.

Garrity, R. W., sr.r.s. *N.S.* 1950
3300 6th Ave., San Diego, Calif.

GASHGAI, A., a.r.s. (*S.* 1958)
M. G. H.

Gaston, L. W., *M.* 1954; r.p. 1956
University Hosp., Ann Arbor, Mich.

Gates, P. H., r.p. *Psychiat.* (*McL.*) 1942 4 Walnut Ave., Cambridge

GAULD, A. G., assoc. obst. (*E.S.* 1934) 1180 Beacon, Brookline

Gaunt, F. P., *W.S.* 1913
13-A N. Gore Ave., Webster Groves, Mo.

GAUTHIER, JACQUELINE, a. *Psychiat.* (*McL.*); a.r.p. *Psychiat.* 1957; r.p. *Psychiat.* (*McL.*) 1959
McLean Hosp., Belmont

Gay, L. N., *E.M.* 1918
1114 St. Paul, Baltimore, Md.

Gens, J. P., r.s. *U.* 1943
64 Wall, Norwalk, Conn.

Gentry, R. W., *E.S.* 1943
65 N. Madison Ave.,
Pasadena, Calif.

George, H. L., Jr., *C.M.* 1929; r.p. *C.M.* 1930 205 Trust Co. Bldg.,
Watertown, N. Y.

GEPHART, F. T., assoc. v.s. (*W.S.* 1942); r.s. 1948 M. G. H.

GERGELY, J., assoc. biochem. *M.*
M. G. H.

Gevalt, F. C., Jr., a.r.p. 1943
Sharon Clinic, Sharon, Conn.

GIBERTI, FLORENCE, exec. a. *B.M.* (*S.N.* 1929) M. G. H.

Gibson, G. C., *W.S.* 1944
Robinson Memorial Hosp.,
Ravenna, Ohio

Gibson, J. G., a.r.p. *Psychiat.* 1951
Dept. of Mental Health,
Queen's Univ. of Belfast,
Belfast, Northern Ireland

Gibson, L. E., r.s. *U.* 1926
713 E. Genesee, Syracuse, N. Y.

Giddings, W. P., *W.S.* 1939; r.s. 1946
528 Main, Bennington, Vt.

Gilbert, A. C., h.s. *U.* 1923
Vet. Hosp., Walla Walla,
Wash.

Giles, R. B., Jr., a.r.p. 1956
Southwestern Med. Sch.,
Univ. of Texas, Dallas, Tex.

GILL, B. F., a. psychiat.
270 Commonwealth Ave.

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1180 Beacon, Brookline

Gillies, A. J., a.r.p. *An.* 1952
Strong Memorial Hosp.,
Rochester, N. Y.

Ginandes, S. C., *C.M.* 1952
270 Commonwealth Ave.

Glendy, Margaret Moriarty, *C.M.* 1932; r.p. *C.M.* 1934
Health Dept., Roanoke, Va.

Glendy, R. E., a.r.p. 1934
2037 Crystal Spring Ave., S.W.,
Roanoke, Va.

Glenn, W. W. L., a.r.s. 1946
Yale Univ. Sch. of Med.,
New Haven, Conn.

GLICKLICH, E. A., a.d.
403 Commonwealth Ave.

GLIMCHER, M. J., a. *Or.*; a.r.s. 1953; sr.r.s. *Or.* 1956 M. G. H.

GLOTZER, D. J., a.r.s. (*S.* 1953); acting a.r.p. *Path.* 1959 M. G. H.

Glover, D. M., *W.S.* 1922
10525 Carnegie Ave.,
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Godley, Anne F., *M.* 1949; a.r.p. 1950
499 Mount Auburn, Cambridge

Goeringer, C. F., *Or.* 1940
209 S. 63rd, Philadelphia, Pa.

GOETHALS, T. R., *Bd. of Cons.* (*E.S.* 1917); h.s. *E.S.* 1919
34 Hawthorn Rd., Brookline

Goettsch, Elvira, *C.M.* 1931
4140 Ambrose Ave.,
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Goetz, F. C., *M.* 1947; c.r.p. 1954
Univ. of Minnesota Hosp.,
Minneapolis, Minn.

GOHD, R. S., virol. (*E.* & *E.*)
Mass. E. & E. Inf.

GOLDBERG, A. H., a.r.p. *An.*
M. G. H.

Goldberg, L. I., *M.* 1957; a.r.p. 1958
National Heart Inst.,
Bethesda, Md.

Goldblatt, M. E., *E.M.* 1926
975 Park Ave., New York, N. Y.

Golden, L. A., r.p. *Psychiat.* (*McL.*) 1936 1415 Delachaise,
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Golden, R., h.p. *R.* 1921
Columbia-Presbyterian Med. Center,
New York, N. Y.

GOLDEN, T. S., clin. assoc. *C.M.*
52 Lincoln, Framingham

Goldsmith, L. H., *C.M.* 1923
365 Cloverhurst Ave., Atlanta, Ga.

Goldthwait, Joel C., a.r.p. *Path.* 1948
1180 Beacon, Brookline

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372 Marlborough

GOMATOS, P. J., r.p. M. G. H.

Goodale, F., Jr., a.r.p. *Path.* 1954
Dartmouth Med. Sch.,
Hanover, N. H.

GOODALL, E. B., a.s. *Oph.*
328 Washington, Wellesley Hills

Gordon, A. M., *C.M.* 1929
405 6th Ave., Des Moines, Iowa

Gordon, E. S., *Path.* 1935
Univ. of Wisconsin Hosp.,
Madison, Wis.

GORDON, J. E., cons. *Prev. M.*
Harvard Sch. of Public Health

Gordon, P. S., *Dn.* 1955
277 Williams, W. Haven, Conn.

Gore, C. P., a.r.p. *Psychiat.* 1952
1 Grosvenor Ct., Grosvenor Hill,
Wimbledon, London S. W., England

Gorman, Rosemary V., a.r.p. 1945
626 Westminster Ave., Elizabeth, N. J.

Gottschalk, C. W., *M.* 1946; r.p. 1952
Univ. of North Carolina Sch. of Med., Chapel Hill, N. C.

GOULIAN, M., a.r.p. M. G. H.

Graeser, J. B., *W.M.* 1929
298 Grand Ave., Oakland, Calif.

Graham, C. P., *E.S.* 1935 and *N.S.* 1936
21 N. Front, Wilmington, N. C.

GRAHAM, JOHN B., clin. assoc. *S.*
Roswell Park Memorial Inst., Buffalo, N. Y.

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Faulkner Hosp., Jamaica Plain

Grant, G. J. M., r.p. *D.* 1932
310 Merrimack, Lowell

Grant, L. H., a.r.p. 1957
Vet. Adm. Hosp., W. Roxbury

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Graybiel, A., *E.M.* 1932
Naval Air Station, Pensacola, Fla.

Greeley, H. P., *W.M.* 1910
19 Monmouth Ct., Brookline

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263 South Ave., Weston

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85 Jefferson, Hartford, Conn.

Greene, N. M., a.r.p. *An.* 1951
Strong Memorial Hosp., Rochester, N. Y.

Greene, Richard W., *M.* 1945
713 E. Genesee, Syracuse, N. Y.

Greene, Robert G., a.r.s. *Or.* 1953
63 S. Fullerton Ave., Montclair, N. J.

Greenhill, M. H., r.p. *Psychiat.* 1939
Psychiatric Inst., University Hosp., Baltimore, Md.

Greenough, J., *W.S.* 1920
11 Lawn Ave., Oneonta, N. Y.

Greenwood, F. A. H., a.r.s. *Or.* 1959
Montreal Children's Hosp., Montreal, Canada

GREGG, W. I., a.s. (*W.S.* 1935)
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Gregory, H. E., *C.M.* 1942
N. Main, Wolfeboro, N. H.

Gregory, R. A., r.p. *N.* 1933
Fairville, New Brunswick, Canada

Grice, D. S., *Or.* 1943
Hosp. of Univ. of Pennsylvania, Philadelphia, Pa.

Grier, R. S., *E.M.* 1942; a.r.p. 1943
4925 Trinity Dr., Los Alamos, N. M.

GRIESEMER, R. D., a.d.; sr.r.p. *D.* 1949 M. G. H.

GRIFFEY, L. E., a. *Otolar.*
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GROVER, J. W., a.r.s. (*S.* 1957) M. G. H.

Groves, L. K., *W.S.* 1947
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Gundersen, Adolph L., *S.* 1950; a.r.s. 1955 218 S. 14th, La Crosse, Wis.

Gundersen, Sigurd B., Jr., *S.* 1949; a.r.s. 1954 218 S. 14th, La Crosse, Wis.

Gundersen, Sven M., *E.M.* 1931
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Gundersen, Thorolf E., r.p. *N.* 1941
Gundersen Clinic, La Crosse, Wis.

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Haber, E., *M.* 1957; a.r.p. 1958
National Inst. of Health, Bethesda, Md.
HACKETT, T. P., a. psychiat.
M. G. H.
HAESSLER, H. A., a.r.p. *C.M.*
M. G. H.
HAFTER, S. SHEILA, r.p. *Psychiat.* (*McL.*) McLean Hosp., Belmont
Haggart, G. E., *W.M.* 1920
605 Commonwealth Ave.
HAGGERTY, R. J., a.p. *C.M.*
300 Longwood Ave.
Haines, S. F., *W.M.* 1921
Mayo Clinic, Rochester, Minn.
Hale, C. H., sr. r.p. *R.* 1943
1200 E. Genesee, Syracuse, N. Y.
HALEY, W. D., a.s. *Oph.*
1180 Beacon, Brookline; 78 Church, Winchester
Hall, B., *M.* 1946
40 S. Clay, Hinsdale, Ill.
Hall, F. C., *E.M.* 1918
1180 Beacon, Brookline
HALL, H. D., a.r.s. *Dn.* (*Dn.* 1958)
M. G. H.
Hall, M. G., *Path.* 1934 Danvers
Hall, R. G., *W.M.* 1910
919 S.W. Taylor, Portland, Oreg.
HALL, T. C., a. *M.*; a. *M.* (*McL.*); a.r.p. 1954 M. G. H.
HALL, V. R., a. psychiat.; r.p. *Psychiat.* 1938 422 Beacon
HALLENBECK, D. F., Jr., a. psychiat. (*McL.*); r.p. *Psychiat.* 1949; sr. r.p. *Psychiat.* (*McL.*) 1951
McLean Hosp., Belmont
HALLOWELL, P., assoc. an.; a.r.p. *An.* 1955 M. G. H.
Halsted, J. A., *W.M.* 1932
Vet. Adm. Hosp., Syracuse, N. Y.
Hamilton, Harold H., r.s. *P.H.* 1933
70 Court, Plymouth
Hamilton, Howard B., *C.M.* 1945
350 Henry, Brooklyn, N. Y.
Hamilton, R. DeL., *E.M.* 1904
223 High, Newburyport
HAMLIN, E., Jr., v.s. (*W.S.* 1936); r.s. *W.S.* 1939 M. G. H.
HAMLIN, H., a. *N.S.*; r.s. *N.S.* 1942
270 Benefit, Providence, R. I.
Hammond, J. W., Jr., *C.M.* 1911 and *W.M.* 1914
112 E. 74th, New York, N. Y.
Hammond, W., *Path.* 1929
36 Crane Rd., Scarsdale, N. Y.
Hand, D. W., *Or.* 1934
450 Sutter, San Francisco, Calif.
HANELIN, J., clin. assoc. *R.* M. G. H.
Hanflig, S. S., *Or.* 1931
371 Commonwealth Ave.
Hansen, Robert H., a.r.p. *An.* 1957
286 Marion Dr., Baton Rouge, La.
HANSEN, ROBERT J., cons. *Biomechan.* M.I.T., Cambridge
Hanser, T. H., *E.M.* 1924
3701 Grandel Sq., St. Louis, Mo.
HAPP, L. C., a.s. *Oph.*
170 Waterman, Providence, R. I.
Haralambie, J. Q., *C.M.* 1936
17 N. Chatsworth Ave., Larchmont, N. Y.
Harder, H. J., a.r.p. *An.* 1952
Virchow Hosp., W. Berlin N65, Germany
HARDY, HARRIET L., assoc. p.
M. G. H.
HARDY, I. B., clin. assoc. *S.* (*E.S.* 1939); a.r.s. 1942
94 Russell, Waltham
HARE, A. P., assoc. sociol. *Psychiat.*
M. G. H.
Harper, R. S., a.r.p. *Path.* 1958
M. G. H.
Harral, P., *Or.* 1936
450 Sutter, San Francisco, Calif.
Harris, H. P., Jr., *N.S.* 1936
1432 Post Rd., Fairfield, Conn.
Harris, W. Robert, a.r.s. *Or.* 1952
170 St. George, Toronto, Canada
HARRIS, WILLIAM H., sr.r.s. *Or.*
M. G. H.
Harrison, Elizabeth R., *C.M.* 1928; r.p. *C.M.* 1929
255 Bradley, New Haven, Conn.
Harrison, M. B., *E.M.* 1938
104 Funston Ave., San Francisco, Calif.
Harrison, P. W., *E.S.* 1909; h.s. *U.* 1915 Bahrain, Persian Gulf
HARRISON, T. S., a.r.s. M. G. H.
Harter, J. S., *W.S.* 1935
212 Brown Bldg., Louisville, Ky.
Harting, D., *C.M.* 1947
1625 Northern Parkway, Baltimore, Md.
Hartwig, A. R., a.r.s. *Or.* 1948
490 Post, San Francisco, Calif.
Harty, J. E., r.p. *Psychiat.* (*McL.*) 1939
101 N. Main, Waterbury, Conn.
Harvey, R. B., *M.* 1946
Naval Air Base, Floyd Bennett Field, Brooklyn, N. Y.
HARWOOD, R., assoc. p. (*W.M.* 1936) M. G. H.
HASHIMOTO, K., a.r.p. *D.* M. G. H.

Haswell, H. P., a.r.p. *An.* 1949
2217 Webster, San Francisco, Calif.
Hatch, Floyd F., *E.S.* 1916; h.s. *E.S.* 1917 699 E. South Temple, Salt Lake City, Utah
HATCH, FRANCIS W., *Trustee* 462 Boylston
Hathaway, J. S., r.p. *E.M.* 1932
109 College, New Haven, Conn.
HAUSER, G. P., a. biochem. (*McL.*)
7 High Rock Way, Allston
Haut, A., *M.* 1950; r.p. 1953
Univ. of Utah, Salt Lake City, Utah
Havemeyer, W. F., a.r.s. 1948
Box 308, Willcox, Ariz.
HAVEN, G. W., dn.s. (*McL.*)
29 Bay State Rd.
Hawes, C. H., *W.S.* 1931
151 Rock, Fall River
Hawes, L. E., *E.M.* 1939 and *C.M.* 1940; a.r.p. *R.* 1942
Faulkner Hosp., Jamaica Plain
Hawkes, R. S., *W.M.* 1933
47 Deering, Portland, Maine
Hawkins, R., r.s. *N.S.* 1948
571 Hamilton Ave., Palo Alto, Calif.
HAYCOX, J. A., a. psychiat. (*McL.*)
McLean Hosp., Belmont
HAYDEN, E. P., *Bd. of Cons.;* h.s. *E.S.* 1923 270 Commonwealth Ave.
Hayden, J. W., a.r.s. *Or.* 1955
Children's Med. Center
Hayes, D. R., *E.S.* 1939
281 State, Springfield
Haynes, Ruth C., a.r.p. *An.* 1955
131 S. Grant Ave., Columbus, Ohio
Haynes, W. M., *S.* 1952; a.r.s. 1956
131 S. Grant Ave., Columbus, Ohio
HEAD, J. M., a. *S.* (*S.* 1951); a.r.s. 1957 c/o Dr. Richard H. Sweet, 87 Chestnut
HEALEY, J. C., r.p. *Psychiat.* (*McL.*)
McLean Hosp., Belmont
Heath, C. W., *W.M.* 1928
13 Holyoke, Cambridge
Heath, P., Jr., a.r.p. 1954
22 White, Rockland, Maine
Heath, R. D., a.r.s. *Or.* 1950
Lankenau Hosp. Med. Bldg., Philadelphia, Pa.
Hebertson, W. M., r.p. *N.* 1957
M. G. H.
HEDBERG, S. E., a.r.s. (*S.* 1956)
M. G. H.
Heffron, R., *E.M.* 1931
The Commonwealth Fund, 1 E. 75th, New York, N. Y.
Heggie, J. F., *M.* 1956
20 Cleveland Ave., Glen Head, Long Island, N. Y.
HELMAN, M. E., a.d.
1874 Beacon, Brookline
Helmholz, H. F., Jr., *W.M.* 1939
Mayo Clinic, Rochester, Minn.
HENDREN, W. H., III, a. *S.* (*S.* 1953); r.s. 1958
25 Edgehill Rd., Brookline
Hendrick, I., r.p. *Psychiat.* (*McL.*) 1932 84 Mount Vernon
Henley, T. F., *C.M.* 1939
116 Lockland Ave., Winston-Salem, N. C.
Henry, M. O., *Or.* 1922
825 Nicollet Ave., Minneapolis, Minn.
Hepburn, J. P., a.r.p. *An.* 1953
Milton Hosp., Milton
Hepburn, R. H., r.s. *U.* 1943
85 Jefferson, Hartford, Conn.
HERM, R. J., a. *Oph.*
314 Main, Melrose
HERMANN, G., a.r.s. (*S.* 1955)
M. G. H.
HERMANN, H. T., a. *Psychiat.*
M. G. H.
Herrera, R. E., *E.S.* 1943; a.r.s. 1946
c/o Herrera and Co., Inc., Guatemala City, Guatemala
Herring, Eleanor J., a.r.p. *C.M.* 1944
Duke Univ., Durham, N. C.
HERRMANN, J. B., a.r.s. (*S.* 1958)
M. G. H.
HERSEY, F. C., a. attend. psychiat. (*McL.*) 14 Charlesgate West
Hershey, F. B., *E.S.* 1947; r.s. 1952
18 S. Kingshighway, St. Louis, Mo.
HERZAN, HELEN M., a. *Psychiat.*
1791 Massachusetts Ave., Cambridge
HESS, HELEN H., assoc. n.p. (*McL.*)
McLean Hosp., Belmont
Heusner, A. P., *E.S.* 1939; a.r.s. 1942 and r.s. *N.S.* 1943
Univ. of North Carolina Sch. of Med., Chapel Hill, N. C.
Heyl, H. L., r.s. *N.S.* 1940
Hitchcock Foundation, Hanover, N. H.
Heyl, J. T., *W.M.* 1939
Phillips Exeter Acad., Exeter, N. H.
Hiden, R. B., *W.M.* 1925
Silver Hill Foundation, New Canaan, Conn.
Hiebert, C. A., *S.* 1952; r.s. 1958
240 College, Lewiston, Maine

Hiebert, J. M., *C.M.* 1933
6533 E. Jefferson, Detroit, Mich.
Higbee, D. R., *W.M.* 1925
1612 Tremont Pl., Denver, Colo.
Higgins, R. B., a.r.s. *U.* 1951
148 Shelbourne Towers, Knoxville, Tenn.
HILL, J. M., a.s. *Oph.*
108 Bay State Rd.
Hill, Leonard W., *C.M.* 1935
76 Bank, Attleboro
Hill, Lewis W., *W.M.* 1915
319 Longwood Ave.
Hill, N. P., *M.* 1946; a.r.p. 1946
Truesdale Hosp., Fall River
HILL, W. R., a.d. M. G. H.
Hills, H. M., Jr., *Or.* 1942
1208 Kanawha Blvd., East, Charleston, W. Va.
Hills, O. W., *M.* 1943
111 St. Matthews Ave., San Mateo, Calif.
HINDMAN, D. H., a. obst.
1093 Beacon, Brookline
Hinshaw, A. J., *E.S.* 1947
3155 Stagg Dr., Beaumont, Tex.
HIRSCH, L. S., a. *Otolar.*
42 Lincoln, Framingham
HIRSCH, O., cons. *N.S.*
186 Commonwealth Ave.
Hitchcock, J., *W.M.* 1921
39 Main, Concord
HOAGLAND, M. B., assoc. biochem. *M.* M. G. H.
Hobson, L. B., *M.* 1944
New York Hosp., New York, N. Y.
Hochwalt, W. R., *Or.* 1931; r.s. *Or.* 1931 209 N. Main, Dayton, Ohio
HODGE, A. J., cons. *Or.*
M.I.T., Cambridge
Hodges, T. W., *Or.* 1941
Yates Clinic, 1801 K, N. W., Washington, D. C.
HODGSON, J. S., *Bd. of Cons.* (*W.S.* 1916); h.s. *W.S.* 1916 and *E.S.* 1920 1180 Beacon, Brookline
Hoeffel, G. N., *C.M.* 1922; h.p. *C.M.* 1923 319 Longwood Ave.
HOFER, M. A., II, a.r.p. (*M.* 1959) M. G. H.
Hoffman, H. A., r.s. *U.* 1946
60 8th, New Bedford
Hogan, J. F., *M.* 1949 and *C.M.* 1950; a.r.p. *C.M.* 1951
156 Broadway, Pawtucket, R. I.
Holbrook, A. A., *C.M.* 1933 and *E.M.* 1934 425 E. Wisconsin Ave., Milwaukee, Wis.
HOLDER, R., a. psychiat. (*M.* 1945); r.p. *Psychiat.* 1946
274 Commonwealth Ave.
Holihan, J. P., *E.S.* 1943; a.r.p. *An.* 1949 Andover
HOLLAND, D. J., Jr., clin. assoc. *Dn.* (*Dn.* 1938); a.r.s. *Dn.* 1947
1146 Beacon, Brookline
Holland, Jimmie Brockman, r.p. *Psychiat.* 1955 302 Crosby Blvd., Buffalo, N. Y.
HOLMES, E. M., s. *Otolar.*
330 Dartmouth
HOLMES, J. A., clin. assoc. *S.* (*Path.* 1936 and *E.S.* 1938)
94 Russell, Waltham
Holmes, R. B., r.p. *R.* 1950
Toronto Gen. Hosp., Toronto, Canada
Holmes, S. G., *C.M.* 1943
1606 E. La Rua, Pensacola, Fla.
Holt, C. L., *N.S.* 1938
29 Deering, Portland, Maine
Holt, W. L., Jr., r.p. *N.* 1937
Westboro State Hosp., Westboro
Holtz, A. I., *C.M.* 1958
Children's Hosp., Philadelphia, Pa.
HOMANS, J., Jr., a. *M.* (*W.M.* 1942); a.r.p. 1946 1776 Beacon, Brookline
HOMANS, MRS. ROBERT, *Trustee*
280 Beacon
Hoodless, E. C., a.r.s. *Or.* 1952
1105 Pandora Ave., Victoria, British Columbia, Canada
Hopkins, C. E., a.r.p. *C.M.* 1948
Johns Hopkins Hosp., Baltimore, Md.
Hopkins, F. S., *E.S.* 1919
146 Chestnut, Springfield
Hopkins, R. W., *S.* 1948; a.r.s. 1954
Cleveland Metropolitan Gen. Hosp., Cleveland, Ohio
Hopkins, S. W., *E.S.* 1936
28 Orne, Marblehead
Hormell, R. S., *Or.* 1942
1180 Beacon, Brookline
Horn, C. E., *Or.* 1940; r.s. *Or.* 1942
2901 Capitol Ave., Sacramento, Calif.
Horwitz, W. H., r.p. *Psychiat.* (*McL.*) 1951 82 Marlborough
Hovsepian, Jeannette A., a.r.p. *R.* 1958
Columbia-Presbyterian Med. Center, New York, N. Y.
Howard, F. H., *C.M.* 1949; a.r.p. *C.M.* 1950
140 W. Spruce, Sault Ste. Marie, Mich.

Howard, H. H., *W.S.* 1914
1 Fishers Lane, Delray Beach, Fla.
Howard, J. E., *W.M.* 1930
Johns Hopkins Hosp., Baltimore, Md.
HOWARD, P. M., assoc. c. psychiat. (*McL.*); psychiat.; r.p. *Psychiat.* 1937; r.p. *Psychiat.* (*McL.*) 1939
McLean Hosp., Belmont
HOWE, HENRY D., a.dn.s. (*Dn.* 1945) 196 Marlborough
Howe, Henry F., r.s. *P.H.* 1934
11 N. Main, Cohasset
HOWE, LOUISA P., a. sociol. *Psychiat.* 20 Whittier
Howland, J. B., *W.S.* 1897
657 Main, Hingham
Hoyt, W. F., *W.S.* 1932; r.s. *W.S.* 1934 38 School, Springfield
Hubbard, E., Jr., *W.M.* 1921
29 Highland, Cambridge
Huber, W. M., r.p. *D.* 1937
Columbia-Presbyterian Med. Center, New York, N. Y.
Huckell, J. R., a.r.s. *Or.* 1958
M. G. H.
Hugenberger, P. W., *Path.* 1931 and *Or.* 1935; r.p. *Path.* 1932
234 Marlborough
HUGGARD, MIRIAM, exec. a. *P.H.* (*S.N.* 1931) M. G. H.
HUGGINS, C. E., a.r.s. (*S.* 1953)
M. G. H.
Hughes, H. C., *Or.* 1937
203 Metropolitan Bldg., Denver, Colo.
Hügin, W., a.r.p. *An.* 1948
Chir Klink im Burgerspital, Basel, Switzerland
Hummel, L. E., *Path.* 1932
135 Linwood Ave., Buffalo, N. Y.
Humphreys, S. P., *Or.* 1936; a.r.s. *N.S.* 1937 264 Beacon
Hunt, R. T. N., *Path.* 1957; a.r.p. *Path.* 1958 Barnes Hosp., St. Louis, Mo.
Hunt, S. P., a.r.p. *Psychiat.* 1940
R. D. #3, Bethesda, Md.
Hunter, R. W., a.r.p. *N.* 1939
Hitchcock Clinic, Hanover, N. H.
HUNTINGTON, B. L., a.p. (*W.M.* 1940)
John Hancock Mut. Life Ins. Co.
Huntington, J. L., *S.S.* 1908
River Dr., Hadley
Hüppe, J. R., r.p. *R.* 1957
Adelbert Stifter Str. 27, München 27, Germany
HURLEY, P. D., a. *Oph.*
270 Commonwealth Ave.
HURWITZ, J. J., a. *U.* 636 Beacon
Hurxthal, L. M., *W.M.* 1925; r.p. *E.M.* 1927
605 Commonwealth Ave.
HUSSEY, MARGARET B., a. *D.*
59 Coddington, Quincy
Huston, L. L., *Or.* 1937
67 Converse, Longmeadow
Hyatt, G. T., *W.S.* 1931 and *Or.* 1934 412 S. E. 4th, Evansville, Ind.
Ibsen, B., a.r.p. *An.* 1950
Solotorvet 84, Copenhagen K, Denmark
Ilfeld, F. W., *Or.* 1937; r.s. *Or.* 1937
6367 Wilshire Blvd., Los Angeles, Calif.
Ingalls, T. H., r.p. *C.M.* 1938
Univ. of Pennsylvania Sch. of Med., Philadelphia, Pa.
INGERSOLL, F. M., assoc. v.s. (*W.S.* 1939); a.r.s. 1942 226 Marlborough
IRWIN, J. W., a. *M.* M. G. H.
Isaacs, J. P., a.r.p. *An.* 1952
Harvard Sch. of Public Health
ISSELBACHER, K. J., a.p. (*M.* 1950); r.p. 1953 M. G. H.
Ives, L. M., r.p. *Psychiat.* (*McL.*) 1933 45 Clapboardtree, Westwood
JACKANICH, R. F., a.r.p. *An.*
M. G. H.
Jackson, A. M., *W.S.* 1917
512 Broadway, Everett
Jackson, B. B., *S.* 1953; a.r.s. 1957
1020 Heyburn Bldg., Louisville, Ky.
Jackson, H., Jr., *E.M.* 1919
Boston City Hosp.
JACKSON, LEE, r.p. *Psychiat.* (*McL.*)
McLean Hosp., Belmont
JACOBSON, B. M., p. M. G. H.
JACOBY, G. A., Jr., a.r.p. (*M.* 1959)
M. G. H.
JAKUS, MARIE A., biol. *Oph.*
99 W. Cedar
James, G. W., III, *M.* 1944
2809 Grove Ave., Richmond, Va.
James, L. P., Jr., *S.* M. G. H.
James, W. J., r.s. *N. S.* 1949
27 Live Oak Dr., Ventura, Calif.
JANOWER, M. L., a.r.p. *R.*
M. G. H.
Javid, M., r.s. *N.S.* 1952
4750 Lafayette Dr., Madison, Wis.
JEANLOZ, R. W., assoc. biochem. *M.*
M. G. H.

Jefferies, W. McK., *E.M.* 1942
Lakeside Hosp., Cleveland, Ohio

Jenkins, M. T., a.r.p. *An.* 1948
Parkland Hosp., Dallas, Tex.

Jergesen, F. H., *Or.* 1942
384 Post, San Francisco, Calif.

Jessner, Lucie, r.p. *Psychiat.* (*McL.*) 1939 Univ. of North Carolina, Chapel Hill, N. C.

Jobe, M. C., *C.M.* 1924
227 16th, Denver, Colo.

JOHNSON, C. C., a.s. *Oph.*
5 Bay State Rd.

JOHNSON, D. G., a.r.s. (*S.* 1957) M. G. H.

Johnson, F. G., *Dn.* 1943
address unknown

Johnson, Louis F., a.r.p. *An.* 1954
7 Hillside Ct., Gloucester

Johnson, Louis G., *Path.* 1940 and *E.M.* 1942; a.r.p. 1942
3418 Stanley, Montreal, Canada

Johnson, N. P., *E.M.* 1925
65 S. 10th, Minneapolis, Minn.

Johnson, O. R., r.p. *D.* 1931
18 Deering, Portland, Maine

Johnson, P. R., *Path.* 1936
85 Jefferson, Hartford, Conn.

JOHNSON, R. T., a.r.p. *N.* M. G. H.

Johnson, V. S., sr. r.s. *Or.* 1955
27 Elm, Worcester

Johnston, E. V., *W.S.* 1947
Waterloo Savings Bank Bldg., Waterloo, Iowa

Jones, B. B., *E.M.* 1918 and *C.M.* 1919
526 North Blvd., Richmond, Va.

JONES, C. M., *Bd. of Cons.* (*E.M.* 1919); h.p. *E.M.* 1921 M. G. H.

Jones, F. S., *Or.* 1932
85 Jefferson, Hartford, Conn.

Jones, G. E., *E.S.* 1939; a.r.s. 1942
108 W. 22nd, Olympia, Wash.

JONES, H. W., Jr., a. *M.*
330 Dartmouth

JONES, R. H., r.p. M. G. H.

Jones, T. B., *Thd. S.* 1924
176 S. Goodman, Rochester, N. Y.

JONES, WALLACE A., a.r.p. *Path.* M. G. H.

Jones, William Nicholas, a.r.s. *Or.* 1954 35 Huntington, New London, Conn.

JONES, WILLIAM NORMAN, a. *Or.* (*Or.* 1947) 266 Beacon

JOPLIN, R. J., a.s. *Or.* (*Path.* 1929 and *Or.* 1933)
1180 Beacon, Brookline

Jordan, W. R., *W.M.* 1930
618 Henri Rd., Richmond, Va.

Joseph, A. T., *Dn.* 1941
475 Commonwealth Ave.

Joslin, E. P., *W.M.* 1895
15 Joslin Rd.

Josse, J. W., *M.* 1957; a.r.p. 1958
Washington Univ. Sch. of Med., St. Louis, Mo.

JOYCE, JOSEPHINE, exec. a. (*R.N.*) M. G. H.

Judd, A. B., *S.* 1955
3303 Menlo Ave., Cincinnati, Ohio

Judd, J. M., *E.S.* 1944; j.r.s. *E.S.* 1945; r.s. *N.S.* 1946
Murray Hill, Mount Morris, N. Y.

Judy, J. A., *Or.* 1925
137 N. Main, Dayton, Ohio

Justi, R. A., r.p. *Path.* 1956
Vet. Adm. Hosp., 150 S. Huntington Ave., Jamaica Plain

Kahn, D. S., r.p. *Path.* 1950
St. Mary's Hosp., Montreal, Canada

KAHNE, M. J., assoc. psychiat. (*McL.*)
McLean Hosp., Belmont

Kalil, T. H., a.r.p. *R.* 1946
795 Elm, Manchester, N. H.

KANE, L. W., a. *M.* (*W.M.* 1941) M. G. H.

KAPLAN, S., a. psychiat.
38 Hyde, Newton Highlands

Karian, E., a.r.p. *D.* 1955
324 Common, Watertown

Karnes, W. E., r.p. *N.* 1958 M. G. H.

KARTCHNER, M. M., a.r.s. (*S.* 1958) M. G. H.

KATZ, A. M., a.r.p. (*M.* 1957) M. G. H.

Katz, S. L., a.r.p. *C.M.* 1955
Children's Med. Center

Kaufman, H. E., *M.* 1957
National Inst. of Health, Bethesda, Md.

Kaufman, M. R., r.p. *Psychiat.* (*McL.*) 1933 253 Marsh, Belmont

Kaufmann, G. G., a.r.p. 1941
15 Dix, Winchester

KAZANJIAN, JOAN, *O.P.D.* r.p. *C.M.*; r.p. *C.M.* 1956 M. G. H.

KAZANJIAN, K. A., a.s. *Otolar.*; r.p. *D.* 1933
475 Commonwealth Ave.

KAZANJIAN, V. H., hon. s.
475 Commonwealth Ave.

KEARSLEY, R. B., a.p. *C.M.* (*C.M.* 1954); c.r.p. *C.M.* 1956
Main, Norwell

Keats, A. S., a.r.p. *An.* 1951
Baylor Univ. Coll. of Med., Houston, Tex.

Keeley, J. K., *N.S.* 1937; r.s. *P.H.* 1938
103 S. Hamilton, Poughkeepsie, N. Y.

KEENAN, T. J., a.r.p. *An.* M. G. H.

Keevil, C. S., Jr., *M.* 1956; r.p. 1958
M. G. H.

Keiser, R. P., *Or.* 1942
Coral Gables Clinic, Coral Gables, Fla.

KELEMEN, G., res. assoc. *Otolar.*
20 Gloucester

KELLER, J. W., a. *M.* 330 Dartmouth

KELLEY, RITA M., a.p. (*M.* 1947); r.p. 1949 M. G. H.

KELLEY, S. B., v.u. (*E.S.* 1931); r.s. *U.* 1933 412 Beacon

KELLEY, V. J., s. *Otolar.*
520 Commonwealth Ave.

KELLY, J. F., podiatrist *Or.*
924 Statler Office Bldg.

KELLY, L. T., a.r.p. *An.* M. G. H.

Kendrick, J. I., *Or.* 1933
2020 E. 93rd, Cleveland, Ohio

Kennard, H. E., *W.S.* 1934
246 Dudley Rd., Newton Centre

Kennedy, B. Hughes, *C.M.* 1921
2940 Clairmont Ave., Birmingham, Ala.

Kennedy, Byrl J., *M.* 1946; r.p. 1952
Univ. of Minnesota Hosp., Minneapolis, Minn.

Kennedy, J. H., *S.* 1950; a.r.s. 1955
7755 Fay Ave., La Jolla, Calif.

Kennedy, R. P., *Thd. S.* 1924
1 Knollwood Dr., Rochester, N. Y.

KENNY, A. D., assoc. pharm. *Path.*
H. M. S.

KENT, C., a.s. *Otolar.*
270 Commonwealth Ave.

KERN, H. L., biochem. *Oph.*
Mass. E. & E. Inf.

Kernan, R. D., *Path.* 1945
98 Adams, Milton

KERR, WALTER S., Jr., a. u. (*W.S.* 1943); a.r.s. 1947; r.s. *U.* 1949
M. G. H.

Kerr, William J., *W.M.* 1916
Maple Creek Rd., Korbel, Humboldt County, Calif.

Kerrigan, G. A., *C.M.* 1950; c.r.p. *C.M.* 1952
Milwaukee Children's Hosp., Milwaukee, Wis.

Kershaw, Beatrice R., r.p. *Psychiat.* (*McL.*) 1939
7 Trapelo Rd., Belmont

KETCHUM, P., *Trustee* and *President of the Corporation* 294 Washington

Ketchum, W. F., *C.M.* 1948
American Cyanamid Co., Danbury, Conn.

Kettle, R. H., r.p. *Psychiat.* (*McL.*) 1931
Norwich State Hosp., Norwich, Conn.

KEUPER, C. S., a. *D.*; r.p. *D.* 1951
270 Commonwealth Ave.

Key, J. A., *Or.* 1921
4952 Maryland Ave., St. Louis, Mo.

Key, R. E., sr.r.s. *Or.* 1958
915 5th Ave., Fort Worth, Tex.

Key, W. A., *Or.* 1927
23 2nd Ave., San Mateo, Calif.

Keyes, G. H., *M.* 1947
Ogden Clinic, Ogden, Utah

Kiely, B., *M.* 1952
Johns Hopkins Hosp., Baltimore, Md.

Kilfoyle, R. M., a.r.s. *Or.* 1951
84 Olney, Dorchester

Kilgore, A. R., *W.M.* 1914
314 San Rafael Ave., Belvedere, Calif.

Kimberly, C. H., r.p. *N.* 1929
Stockbridge

Kimura, K. K., *C.M.* 1955; a.r.p. *C.M.* 1956
Medical Research Directorate, Army Chemical Center, Md.

*Kind, H. A., *C.M.* 1935
540 General Dispensary, A.P.O. 227, c/o Postmaster, New York, N. Y.

KING, D. S., *Bd. of Cons.* (*E.M.* 1920) 4 Downing Rd., Hanover, N. H.

KING, H. A., a.r.p. *C.M.* M. G. H.

King, W. B., Jr., a.r.p. *Path.* 1956
M. G. H.

Kinney, R. J., a.r.p. 1943
Route 3, N. Topeka, Kan.

Kinnicutt, R., *E.M.* 1908
72 Cedar, Worcester

KINOSHITA, J. H., biochem. *Oph.*
Mass. E. & E. Inf.

Kinsey, Dera, a.r.p. 1939
203 Commonwealth Ave.

KIRKWOOD, S. B., assoc. obst. (*W.S.* 1934) 1180 Beacon, Brookline

*Not in States and Cities section of this Directory

KITE, O. W., dn.s. (*Dn.* 1951)
29 Bay State Rd.
Kitts, A. W., r.p. *C.M.* 1941
346 W. Baltimore Ave., Media, Pa.
KJELLBERG, R. N., r.s. *N.S.*
M. G. H.
Klaus, Hanna, a.r.p. *Path.* 1953
Barnes Hosp., St. Louis, Mo.
Kleaveland, R.N., *S.* 1952; a.r.s. 1956
407 W. Riverside, Spokane, Wash.
KLEIN, DAVID M., a.r.s. *N.S.*
M. G. H.
KLEIN, DONALD C., assoc. psychol.
309 Washington, Wellesley Hills
KLEIN, E., a.r.p. *D.* M. G. H.
KLINGENSMITH, W. E., a.r.s. (*S.* 1955) M. G. H.
KLOTZ, R. E., a. *Otolar.* and a.c. *Otolar.* Mass. E. & E. Inf.
Knapp, M. R., a.r.p. *An.* 1955
135 North Bluff, Wichita, Kan.
Knapp, P. H., a.r.p. *Psychiat.* 1947
Boston Univ. Sch. of Med.
Knapp, R. G., Jr., *Dn.* 1950
address unknown
Kneisel, J. J., *E.M.* 1940
170 Maple Ave.,
White Plains, N. Y.
KNOWLES, J. H., a. *M.* (*M.* 1952); c.r.p. 1958 M. G. H.
KOCH-WESER, J., r.p. (*M.* 1955)
M. G. H.
Koppel, Elizabeth A., a.r.p. *An.* 1954
437 Cedar, N.W.,
Washington, D. C.
Kowalski, H. J., *M.* 1945; a.r.p. 1948
H. M. S.
Kozol, H. L., *E.M.* 1936
115 Bay State Rd.
Kramer, J. G., *C.M.* 1917
159 S. Main, Akron, Ohio
KRANE, S. M., a. *M.* (*M.* 1952); c.r.p. 1957 M. G. H.
KRANES, A., p. (*W.M.* 1932); c.r.p. 1935 M. G. H.
KRAUS, P. S., assoc. attend. psychiat. (*McL.*) 12 Longfellow Rd.,
Wellesley
Kraut, H. L., a.r.p. *D.* 1957
St. Luke's Hosp., New York, N. Y.
Kravitz, A. R., *M.* 1955
Mass. Mental Health Center
KRAYER, O., cons. *Pharm.* H. M. S.
Kreisle, J. E., *W.M.* 1943; r.p. 1947
2317 Longview Ave., Austin, Tex.
KRICKSTEIN, H. I., a.r.p. *Path.*
M. G. H.
Kristjansson, H., a.r. *Or.* 1946
address unknown
KUBIK, C. S., *Bd. of Cons.*
330 Dartmouth
KUBZANSKY, P. E., a. psychol.
Boston City Hosp.
Kuhlman, E. G., *C.M.* 1925
122 W. 5th, E. Liverpool, Ohio
Kuhlmann, R. F., sr. r.s. *Or.* 1948
256 Pearl, Burlington, Vt.
Kuhn, W. G., Jr., a.r.s. *Or.* 1949
251 Powers,
New Brunswick, N. J.
Kuhns, J. G., *Or.* 1926
372 Marlborough
KULDAU, J. M., r.p. *Psychiat.* (*McL.*) McLean Hosp., Belmont
Kulka, J. P., a.r.p. *Path.* 1947
H. M. S.
KUNZ, L. J., a.b. M. G. H.
KUPFER, C., a. *Oph.*
Mass. E. & E. Inf.
KUWABARA, T., a. *Oph.* path.
Mass. E. & E. Inf.
Lacey, W. H., *W.S.* 1917
54 School, Keene, N. H.
Lake, M., *W.M.* 1924
11 E. 68th, New York, N. Y.
Lambert, E. C., *E.M.* 1943
Children's Hosp., Buffalo, N. Y.
Lambert, J. T., *W.M.* 1942
c/o Dr. Adrian Lambert,
215 E. 72nd, New York, N. Y.
LAMDIN, SUSANNE J., a.r.p. *An.* (*C.M.* 1953) M. G. H.
LAMONT, J. H., assoc. psychiat.; sr.r.p. *Psychiat.* (*McL.*) 1951
M. G. H.
Lampson, R. S., *E.S.* 1936
85 Jefferson, Hartford, Conn.
Lamson, P. D., *E.M.* 1910
Vanderbilt Univ. Med. Sch.,
Nashville, Tenn.
LANG, D. J., a.r.p. *C.M.* M. G. H.
LANGER, G. A., r.p. (*M.* 1955)
M. G. H.
Lanman, T. H., *E.S.* 1918
Children's Med. Center
Lansing, C., *C.M.* 1948; a.r.p. *C.M.* 1950 Univ. of North Carolina,
Chapel Hill, N. C.
Larkey, J., *W.S.* 1928
3115 Webster, Oakland, Calif.
Laron, Z., r.p. *C.M.* 1955
Beilinson Hosp., Petah Tiqva, Israel
LARSON, C. B., *Bd. of Cons.* (*Or.* 1938)
University Hosp., Iowa City, Iowa
Lassiter, W. E., *M.* 1955; a.r.p. 1956
59 Hamilton Rd., Chapel Hill, N. C.

Laster, L., *M.* 1950; r.p. 1953
National Inst. of Health, Bethesda, Md.
Lawrence, George H., *W.S.* 1947; a.r.s. 1952 Barnes Hosp., St. Louis, Mo.
LAWRENCE, GLENN W., dn.s.
25 Bay State Rd.
LAWRENCE, JOHN E., *Trustee*
177 Milk
Lawrence, John S., *W.M.* 1925
Med. Sch. of Univ. of California South, Los Angeles, Calif.
LAYZER, R. B., a.r.p. (*M.* 1958)
M. G. H.
LAZARUS, H. R., r.p. *Psychiat.* (*McL.*) McLean Hosp., Belmont
Leach, C. A., Jr., a.r.p. *C.M.* 1951
address unknown
LEADBETTER, G. W., Jr., sr.r.s. *U.*
M. G. H.
LEADBETTER, W. F., c. *U.* M. G. H.
LEAF, A., assoc.p. (*M.* 1944)
M. G. H.
LEAHEY, B. D., s. *Oph.*
9 Central, Lowell
LeBARON, F. N., assoc. biochem. (*McL.*) McLean Hosp., Belmont
Ledbetter, Betsy A., a.r.p. *An.* 1955
1513 Line Ave., Shreveport, La.
LeDONNE, J. E., a. *D.;* r.p. *D.* 1952
357 Essex, Salem
Lee, J. M., *C.M.* 1916
706 Church, Nashville, Tenn.
LEE, R. I., hon. p. (*E.M.* 1907)
264 Beacon
Leeper, R. W., r.p. *D.* 1950
Kaiser Foundation Hosp., Oakland, Calif.
LEES, MARJORIE B., assoc. biochem. (*McL.*) McLean Hosp., Belmont
Legge, R. F., *Or.* 1935
U. S. Naval Hosp., Great Lakes, Ill.
LEIDERMAN, P. H., a. *Psychiat.;* r.p. *Psychiat.* 1957 M. G. H.
Leidholt, J. D., a.r.s. *Or.* 1952
830 E. 18th Ave., Denver, Colo.
Leigh, A. D., r.p. *Psychiat.* 1948
Maudsley Hosp., London S.E., England
LEIGHTON, H. T., a. obst.
319 Longwood Ave.
Leighton, J., r.p. *Path.* 1949
295 Commonwealth Ave.
Leinbach, T. C., a.r.s. *Or.* 1956
330 N. 5th, Reading, Pa.
Leister, C. M., *C.M.* 1934
1731 W. Broad, Bethlehem, Pa.
Lennox, W. G., *W.M.* 1915
Children's Med. Center
LENTINE, J., assoc. s. *Otolar.*
15 Bay State Rd.
LEPPER, EDNA S., assoc. dir. *Nurs. Serv.* (*S.N.* 1926) M. G. H.
LERMAN, J., p.
370 Commonwealth Ave.
LESKOWITZ, S., assoc. immunol. *M.*
M. G. H.
Letsou, V. G., a.r.p. *D.* 1956
U.S. Naval Hosp., Chelsea
Levene, M. B., r.p. *R.* 1954
636 Beacon
LEVER, W. F., assoc. d.; a.r.p. *D.* 1938 270 Commonwealth Ave.
Levine, H. J., a.r.p. 1958
Peter Bent Brigham Hosp.
LEVITAN, J. J., a.dn.s. 80 Boylston
Levy, S. W., a.r.p. *D.* 1951
450 Sutter Bldg., San Francisco, Calif.
LEWIS, D. K., assoc. s. *Otolar.*
15 Dix, Winchester; Mass. E. & E. Inf.
Lewis, E. O., sr.r.p. *R.* 1945
St. Luke's Hosp., New Bedford
Lewis, James, *W.M.* 1935 and *C.M.* 1936 281 State, Springfield
LEWIS, JOHN L., Jr., a.r.s. (*S.* 1958)
M. G. H.
LEWIS, JOSEPH L., clin. assoc. *C.M.* (*C.M.* 1936); r.p. *C.M.* 1937
25 Grant, Waltham
Licciardello, A. T., *M.* 1948; a.r.p. 1949 20 Chase, Danvers
*Lichtenwalner, C. S., *M.* 1950; a.r.p. 1951 USOM, H&S, Box 32, Navy 150, c/o F.P.O., San Francisco, Calif.
LIEBMAN, S. D., a.s. *Oph.*
115 Bay State Rd.
Liffmann, K. E., *Dn.* 1956
Rhode Island Hosp., Providence, R. I.
LIFTON, R. J., a. *Psychiat.*
107 Garden, Cambridge
LIFVERGREN, SARAH M., exec. a. *Gen. Hosp.* and *B.M.* (*S.N.* 1930)
M. G. H.
Lilly, T. E., Jr., *E.S.* 1943
915 Argyle Bldg., Kansas City, Mo.
Lincoln, J. R., *Or.* 1918
709 Main, Wareham
LINCOLN, R. C., dn.s. (*Dn.* 1953)
M. G. H.

*Not in States and Cities section of this Directory

LINDEMANN, E., c. *Psychiat.*; psychiat. (*McL.*) M. G. H.
Lindsay, M. K., *Or.* 1926
2650 Wisconsin Ave., N.W., Washington, D. C.
Linenthal, A. J., a.r.p. 1944
1265 Beacon, Brookline
Lingenfelter, G. P., *D.* 1910
1612 Tremont Pl., Denver, Colo.
Lingley, J. R., a.r.p. *R.* 1931
27 Elm, Worcester
LINTON, R. R., v.s. (*W.S.* 1928); r.s. *W.S.* 1930
1180 Beacon, Brookline
LIPMAN, M. M., r.p. M. G. H.
LIPOWSKI, Z. J., a.r.p. *Psychiat.* M. G. H.
LITTLE, J. B., a.r.p. *R.* M. G. H.
LITTLEFIELD, J. W., a. *M.* (*M.* 1948); r.p. 1950 M. G. H.
LITTMANN, D., clin. assoc. *M.*
Vet. Adm. Hosp., W. Roxbury
Liu, C. T., r.s. *N.S.* 1946
Vet. Adm. Hosp., Oakland, Calif.
Lium, R., *E.S.* 1935
388 State, Portsmouth, N. H.
Livermore, G. R., Jr., *W.S.* 1943
Mayo Clinic, Rochester, Minn.
Livingston, W. K., *W.S.* 1922
Univ. of Oregon Med. Sch., Portland, Oreg.
Lloyd, J. B., *E.S.* 1944; sr. r.s. 1946
Lemuel Shattuck Hosp.
Locke, E. A., *E.M.* 1902
Wilton, N. H.
Locke, H. L. F., *C.M.* 1912
293 Farmington Ave., Hartford, Conn.
Locksley, H. B., *S.* 1950; sr. r.s. *N.S.* 1956
55 Stratford Ave., Pittsfield
Loeb, R. F., *W.M.* 1920
950 Park Ave., New York, N. Y.
LOFTFIELD, R. B., assoc. biochem. *M.* M. G. H.
Lombroso, C. T., a.r.p. *N.* 1955
Children's Med. Center
LONG, R. T., a. psychiat. M. G. H.
LORENZ, MARIA, a. psychiat.; assoc. psychiat. (*McL.*); sr.r.p. *Psychiat.* (*McL.*) 1949 M. G. H.
Lothrop, O. A., *W.S.* 1909
91 Neshobe Rd., Waban
LOTZ, M., a.r.p. (*M.* 1959) M. G. H.
Lowd, H. M., Jr., *C.M.* 1941
359 Essex, Salem
Lowe, C. U., r.p. *C.M.* 1948
Univ. of Minnesota Hosp., Minneapolis, Minn.
LOWELL, F. C., p. M. G. H.
LOWELL, J. D., a. *Or.*; a.r.s. *Or.* 1953
266 Beacon
LOWELL, R., *Trustee* 100 Franklin
Lowell, W. H., Jr., a.r.p. 1940
85 Jefferson, Hartford, Conn.
LOWIS, S., clin. assoc. *N.S.* (*N.S.* 1936); r.s. *N.S.* 1940
475 Commonwealth Ave.
Lowrey, S. R., r.s. *U.* 1936
170 St. George, Toronto, Canada
Luck, D. J. L., *M.* 1954; r.p. 1958
Rockefeller Inst. Med. Res., 66th and York Ave., New York, N. Y.
Ludwig, A. O., *E.M.* 1932; r.p. 1936; r.p. *Psychiat.* (*McL.*) 1937
82 Marlborough
Ludwig, G. D., a.r.s. 1950
Hosp. of Univ. of Pennsylvania, Philadelphia, Pa.
Luessenhop, A. J., r.s. *N.S.* 1957 M. G. H.
Luikart, R. H., *W.S.* 1917
708 Med. Arts Bldg., Omaha, Nebr.
Luikart, R. H., Jr., *M.* 1944; a.r.p. *D.* 1948
1525 State, Santa Barbara, Calif.
Lund, C. C., *E.S.* 1922; h.s. *Thd. S.* 1923
20 Gloucester
Lund, I., a.r.p. *An.* 1947
Ulleval sykehus, avd. III, Oslo, Norway
Lunt, L. K., *W.M.* 1916
Double Four Ranch, Wheatland, Wyo.
LUONGO, M. A., cons. *Forensic Path.* (*Path.* 1946); a.r.p. *Path.* 1947 H. M. S.
LURIE, A. S., a.r.p. *D.* M. G. H.
LURIE, M. H., dir. res. *Otolar.*
483 Beacon
Lynn, J. G., IV, r.p. *Psychiat.* (*McL.*) 1937
Grasslands Hosp., Valhalla, N. Y.
Lyon, A. B., *C.M.* 1916 and *W.M.* 1917; h.p. *C.M.* 1918
270 Commonwealth Ave.
Lyons, C., *W.S.* 1933; r.s. 1936
Med. Coll. of Alabama, Birmingham, Ala.
Lytton, W., r.p. *Psychiat.* (*McL.*) 1937
4500 Olive, St. Louis, Mo.
MABREY, R. E., a.s.
270 Commonwealth Ave.

McAlpine, F. S., c.r.p. *An.* 1957
U.S. Naval Hosp., Bethesda, Md.

McARTHUR, JANET W., assoc.p.; a.r.p. 1944 M. G. H.

MacAusland, A. R., *W.S.* 1911
412 Beacon

MacAUSLAND, W. R., Jr., a. *Or.*
412 Beacon

McCandless, O. C., *C.M.* 1926
Marion, Kan.

McCann, S. M., *M.* 1949; a.r.p. 1950
Army Med. Serv. Grad. Sch.,
Washington, D. C.

McCARTEN, HELENA, exec. a. *P.H.* (*S.N.* 1933) M. G. H.

McCARTHY, P. L., a. *D.*
36 Adams, Quincy

McCarty, E. D., h.p. *R.* 1918
221 S. 39th, Tacoma, Wash.

McCLELLAN, BETTY J., a.r.p. *Path.* (*Path.* 1958) M. G. H.

McClellan, W. S., *W.M.* 1925
Univ. of North Carolina
Sch. of Med., Chapel Hill, N. C.

McCLELLAND, W. K., clin. assoc. *S.* M. G. H.

McClung, J. L., r.p. *An.* 1952
3102 Strawberry Lane,
Port Huron, Mich.

McConnell, F., r.p. *R.* 1956
Montreal Gen. Hosp.,
Montreal, Canada

McCort, J. J., r.p. *R.* 1944
Santa Clara County Hosp.,
San Jose, Calif.

McCOY, W. T., a.r.p. *R.* M. G. H.

McCune, W. S., *W.S.* 1937
1150 Connecticut Ave.,
Washington, D. C.

McDaniel, J. R., *E.S.* 1940; a.r.s. 1946
9th and Edmond, St. Joseph, Mo.

MacDermot, P. N., *C.M.* 1930
570 Milton, Montreal, Canada

McDermott, L. J., *Or.* 1938
151 Vaughan, Portland, Maine

McDermott, N. T., r.p. *Psychiat.* (*McL.*) 1936; r.p. *Psychiat.* 1937
University Hosp., Cleveland, Ohio

McDERMOTT, W. V., Jr., assoc. v.s. (*W.S.* 1943); r.s. 1951 M. G. H.

McDONALD, C. A., hon. p.
106 Waterman, Providence, R. I.

McDONALD, F. C., clin. assoc. *C.M.*
39 Main, Concord

Macdonald, H. E., Jr., *N.S.* 1931; a.r.s. *N.S.* 1933
Lafayette, Yarmouth, Maine

MacDonald, R. F., *E.S.* 1922
McGuire Vet. Adm. Hosp.,
Richmond, Va.

McElroy, W. D., *Or.* 1932
11 Central Sq., Youngstown, Ohio

McFARLAND, R. B., a.r.p. *Path.*
M. G. H.

McGahey, C. E., r.s. 1946
795 Elm, Manchester, N. H.

McGINN, S., clin. assoc. *M.*
270 Commonwealth Ave.

McGOVERN, J. J. M., a.p. *C.M.*
M. G. H.

McGovney, R. B., *Or.* 1930
1515 State, Santa Barbara, Calif.

McHUGH, P. R., r.p. *N.* M. G. H.

McILROY, W. J., a.r.p. *Path.* M. G. H.

McIntyre, Patricia A., *M.* 1953
Johns Hopkins Hosp.,
Baltimore, Md.

McIver, M. A., h.s. *E.S.* 1922
12 Main, Cooperstown, N. Y.

Mack, J. E., *M.* 1956
Mass. Mental Health Center

McKay, W. W., *C.M.* 1921
R.R. 1, Aylmer, Quebec, Canada

McKEE, D. M., a.r.s. (*S.* 1957)
M. G. H.

McKeever, F. M., *Or.* 1930
2010 Wilshire Blvd.,
Los Angeles, Calif.

McKEIGUE, J. E., assoc. s. *Otolar.*
94 Pleasant, Arlington;
274 Commonwealth Ave.

McKenna, J. B., r.p. *Psychiat.* (*McL.*) 1932
14 Valley Rd., Hanover, N. H.

McKenzie, W. L., r.p. *C.M.* 1924
15 Dix, Winchester

McKhann, C. F., III, *S.* 1956; a.r.s. 1958 Naval Med. Res. Inst.,
Naval Med. Center, Bethesda, Md.

*Mackie, R. W., sr.r.s. *N.S.* 1954
U.S. Naval Hosp., c/o F.P.O. 3923,
San Francisco, Calif.

MacKINNON, CHRISTINE, exec. a. *B.M.* (*S.N.* 1928) M. G. H.

MacKinnon, R., r.p. *Psychiat.* (*McL.*) 1930
Londonderry, Nova Scotia, Canada

McKITTRICK, J. B., a.s. (*An.* 1938 and *W.S.* 1939); r.s. *W.S.* 1942
1180 Beacon, Brookline

McKITTRICK, L. S., *Bd. of Cons.* (*W.S.* 1919) 1180 Beacon,
Brookline

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MacLaren, W. R., *C.M.* 1939; r.p. *C.M.* 1942 127 N. Madison Ave., Pasadena, Calif.
McLAUGHLIN, C. H., a.s. *Oph.* 834 Broadway, Everett
McLaughlin, W. B., *Or.* 1931 1524 Termon Ave., Pittsburgh, Pa.
McLEAN, J. D., a. podiatrist *Or.* 16 Curtis, Somerville; 31 Church, Winchester
MacMahon, C. E., *E.S.* 1938 900 Boylston Ave., Seattle, Wash.
MACMILLAN, A. S., r. (*E.* & *E.*) 483 Beacon
MACMILLAN, A. S., Jr., a.r. (*E.* & *E.*); r.p. *R.* 1953 319 Longwood Ave.
MacMillan, Hugh Alexander, a.r.p. *Path.* 1950 Albany Hosp., Albany, N. Y.
MacMillan, Hugh Allen, Jr., a.r.s. 1947 1801 High, Denver, Colo.
McMillan, R. M., a.r.p. 1941 Southern Pines, N. C.
McNEELY, W. F., a. *M.* 226 Marlborough
McNeil, D., *Or.* 1930 1339 44th, Sacramento, Calif.
McNEILL, J. M., a.r. M. G. H.
McNie, A. B., a.r.p. *Path.* 1957 Dept. of Legal Med., H. M. S.
Macomber, D., *S.S.* 1911 Tide River Farm, Brunswick, Maine
McPeak, C. N., r.p. *R.* 1929 18 Hartwell, Fitchburg
McPherson, R. S., a.r.s. *Or.* 1949 85 Jefferson, Hartford, Conn.
Madden, J. W., *S.* M. G. H.
Madey, S. L., *C.M.* 1944 Box 283, Great Neck, Long Island, N. Y.
MAGRAW, C. E., a. attend. psychiat. (*McL.*) McLean Hosp., Belmont
Mahoney, S. A., Jr., *E.S.* 1926 630 Dwight, Holyoke
Maier, J., *E.M.* 1940 Rockefeller Foundation, New York, N. Y.
Maisel, B. I., r.p. *Path.* 1943 1 E. 69th, New York, N. Y.
Makel, H. P., c.r.p. *An.* 1949 Fitzsimons Gen. Hosp., Denver, Colo.
Malcolm, J. A., *S.* 1953; a.r.s. 1958 Bellevue Hosp., New York, N. Y.
MALOOF, F., a. *M.*; a.r.p. 1952 M. G. H.
Maloy, J. K., *E.S.* 1947 60 Decker Ave., Staten Island, N. Y.
MALT, R. A., a.r.s. (*S.* 1956) M. G. H.
Mancall, E. L., a.r.p. *Path.* 1957 M. G. H.
MANCALL, I. T., a. *Oph.* 750 Main, Hartford, Conn.
MANGIARACINE, ANITA B., b. *Oph.* and *Otolar.* Mass. E. & E. Inf.
Manly, I. V., *E.S.* 1947; a.r.s. 1952 2021 Clark Ave., Cameron Village, Raleigh, N. C.
MANN, W., a. psychiat. M. G. H.
Mannick, J. A., *S.* 1954; a.r.s. 1958 Mary Imogene Bassett Hosp., Cooperstown, N. Y.
Marble, A., r.p. *W.M.* 1930 15 Joslin Rd.
MARBLE, H. C., hon. s. (*W.S.* 1912) 270 Commonwealth Ave.
MARK, V. H., a. *N.S.*; sr. r.s. *N.S.* 1954 M. G. H.
MARKS, G. A., clin. assoc. *S.* (*E.S.* 1931); r.s. *E.S.* 1933 15 Dix, Winchester
Maroney, J. W., r.p. *C.M.* 1932 501 Delaware Ave., Wilmington, Del.
Marshall, C. S., r.p. *N.* 1927 90½ Gottingen, Halifax, Nova Scotia, Canada
Marshall, Clare K., r.p. *N.* 1954 M. G. H.
Martin, C. L., h.p. *R.* 1920 3501 Gaston Ave., Dallas, Tex.
MARTIN, D. B., c.r.p. (*M.* 1955) M. G. H.
Martin, J. A., *W.S.* 1946; r.p. *R.* 1951 3501 Gaston Ave., Dallas, Tex.
MARTIN, L. E., comptroller M. G. H.
MARTIN, S. F., a.s. *Oph.* 165 Bay State Rd.
MARUYAMA, Y., a.r.p. *R.* M. G. H.
Mason, E. D., *M.* 1946 174 Denslow Ave., W. Los Angeles, Calif.
Mason, W., *E.M.* 1920; h.p. *E.M.* 1921 151 Rock, Fall River
Massie, W. K., Jr., *Path.* 1938 341 N. Broadway, Lexington, Ky.
Matchett, F. L., *Or.* 1934 1727 Gilpin, Denver, Colo.
Mathews, S. S., *Or.* 1928 9730 Wilshire Blvd., Los Angeles, Calif.
Mathieu, T. J., r.s. *U.* 1954 36 Perry, Central Falls, R. I.

Mathis, W. H., Jr., r.p. *R.* 1948
Kennestone Hosp., Marietta, Ga.
MATTOS, E. R., a.dir. M. G. H.
MATZ, M. H., a. *D.*
51 Brattle, Cambridge
Maughs, S. B., a.r.p. *Psychiat.* 1938
Psychiatric Unit,
Forty-five Hundred West Pine
Clinics, 4500 W. Pine Blvd.,
St. Louis, Mo.
MAY, G. E., a.obst.
112 Woodlawn Ave., Wellesley Hills
MAY, H. L., a.r.s. M. G. H.
Mayer, R. F., a.r.p. *N.* 1957
207 N. Clinton, Olean, N. Y.
Mayman, C. I., a.r.p. *N.* 1959
M. G. H.
MAYNARD, E. P., III, a. *M.* M. G. H.
Maynard, G. B., Jr., *W.S.* 1943
60 8th, New Bedford
Mayo, F. B., *E.M.* 1943; a.r.p. 1944
144 Beach Bluff Ave., Swampscott
MAYO, R. A., a. *Or.*; sr. r.s. *Or.* 1956
264 Beacon
MAZUZAN, J. E., Jr., c.r.p. *An.*
M. G. H.
Mead, S., *E.M.* 1940 and *Path.* 1941;
a.r.p. *N.* 1942
California Rehabilitation Center,
Vallejo, Calif.
Meader, C. N., *E.M.* 1912
519 Majestic Bldg.,
Denver, Colo.
MEALEY, J., Jr., a.r.s. *N.S.*
M. G. H.
MEANS, J. H., hon. p. (*E.M.* 1913)
60 Mount Vernon
Means, P. H., *E.M.* 1924
1 Waterhouse, Cambridge
Meath, J. A., r.p. *N.* 1947
Henry Phipps Clinic,
Johns Hopkins Hosp.,
Baltimore, Md.
Meigs, J. Wister, a.r.p. 1943
310 Cedar, New Haven, Conn.
MEIGS, JOE V., *Bd. of Cons.* (*E.S.* 1921) 226 Marlborough
Meister, L., *C.M.* 1937
Vet. Adm. Hosp.,
Long Beach, Calif.
MEKKELSEN, CHRISTINE, exec. a. (*R.N.*) M. G. H.
Mellinger, G. W., *M.* 1947
384 Post, San Francisco, Calif.
MELTZER, P. E., s. *Otolar.*
285 Commonwealth Ave.
Melvin, W. J. S., a.r.s. *Or.* 1951
Kingston Gen. Hosp.,
Kingston, Ontario, Canada
Mendelsohn, M. L., *M.* 1949
Memorial Hosp., New York, N. Y.
Merrill, B. R., a.r.p. *Psychiat.* 1941
655 Sutter, San Francisco, Calif.
MERRILL, O. E., e. *R.* M. G. H.
Metcalf, K. M., r.p. *C.M.* 1925
115 E. 77th, New York, N. Y.
Meyer, H. I., r.s. *W.S.* 1925
104 S. Michigan Ave., Chicago, Ill.
Michel, A. J. D., a.r.p. *An.* 1950
Hôpital St. Joseph,
Lyon, France
MICHELSEN, J. J., clin. assoc. *N.S.*; a.r.s. *N.S.* 1938 Box 148,
Back Bay P.O. Annex
Michie, A. J., *Path.* 1943; r.s. *U.* 1945
New York Univ., New York, N. Y.
Michie, Catherine R., *Path.* 1943; r.p. *Path.* 1944 New York Univ.,
New York, N. Y.
Middlebrook, G., *M.* 1945
National Jewish Hosp.,
Denver, Colo.
Milam, D. F., Jr., *S.* 1949; a.r.s. 1952
916 Cobb Bldg., Seattle, Wash.
MILLARD, D. G., a.r.p. *R.* M. G. H.
MILLER, A. E., a.r.s. (*S.* 1957)
M. G. H.
MILLER, C. C., clin. assoc. *S.* (*W.S.* 1938)
304 Humphrey, Swampscott
MILLER, D., assoc. s. *Otolar.*
60 Charlesgate West
Miller, E. C., *E.M.* 1926
27 Elm, Worcester
Miller, James G., *E.M.* 1943; r.p. *Psychiat.* 1944
Mental Health Res. Inst., Univ. of
Michigan, Ann Arbor, Mich.
Miller, Jule P., Jr., a.r.p. *Psychiat.* 1955 222 South, Pittsfield
Miller, M. L., *E.M.* 1932
416 N. Bedford Dr.,
Beverly Hills, Calif.
Miller, R. Bretney, a.r.p. 1938
1834 Eye, N. W., Washington, D. C.
Miller, Ralph B., r.p. *R.* 1932
2400 S. Flower, Los Angeles, Calif.
Millet, J. B., *W.S.* 1943; a.r.s. 1948
216 Mayro Bldg., Utica, N. Y.
Mills, J. A., r.p. 1958
Montreal Gen. Hosp.,
Montreal, Canada
Mills, L., Jr., *M.* 1944
720 Lucerne Blvd.,
Los Angeles, Calif.
MINER, L. M. S., hon. s.
363 Marlborough

MINER, R. L., dn.s.
363 Marlborough
Ming, Si Chun, r.p. *Path.* 1956
Beth Israel Hosp.
Mintz, E. R., *Path.* 1930; r.s. *U.* 1932
8 S. State, Concord, N. H.
Mitchel, D. H., *M.* 1943; a.r.p. 1947
915 S. Colorado Blvd., Denver, Colo.
MITTEL, N. S., r.p. *Psychiat.* (*McL.*)
McLean Hosp., Belmont
Mixter, C. G., *W.S.* 1907
319 Longwood Ave.
MIXTER, C. G., Jr., a. *S.* (*W.S.* 1940); r.s. 1947
319 Longwood Ave.
Mixter, G., Jr., *W.S.* 1943
3 Rollins Pl.
MNAYMNEH, W. A., a.r.s. *Or.*
M. G. H.
Moffitt, H. C., Jr., *E.M.* 1942
909 Hyde, San Francisco, Calif.
MONACO, A. P., a.r.s. (*S.* 1957)
M. G. H.
Monroe, J. T., Jr., *M.* 1956
North Carolina Memorial Hosp.,
Chapel Hill, N. C.
Montgomery, H., *E.M.* 1932
Hosp. of Univ. of Pennsylvania,
Philadelphia, Pa.
Montgomery, O. F., *E.S.* 1916
450 Sutter, San Francisco, Calif.
MONTGOMERY, W. W., a.s. *Otolar.* and a.c. *Otolar.* Mass. E. & E. Inf.
Moore, B. E., r.p. *Psychiat.* 1942
152 E. 73rd, New York, N. Y.
MOORE, F. D., *Bd. of Cons.* (*W.S.* 1940); r.s. 1943
Peter Bent Brigham Hosp.
Moore, H., *C.M.* 1937
3328 Daniels, Dallas, Tex.
Moore, R. F., *M.* 1954
Mass. Mental Health Center
Moore, S., h.p. *R.* 1917
Barnes Hosp., St. Louis, Mo.
Moorman, H. D., *W.S.* 1943; a.r.s. 1949
431 30th, Oakland, Calif.
Mora, F., *M.* 1951; a.r.s. 1953; r.s. *N.S.* 1957
17 Ave. 18-66,
Zone 10, Guatemala City, Guatemala
Moran, J. E., *N.* 1928
31 Federal, Greenfield
Moran, T. W., a.r.p. *Path.* 1950
Mass. Memorial Hosp.
Moreton, J. R., *W.S.* 1944; j.r.s. 1945
1022 S. 12th, East,
Salt Lake City, Utah
MORGAN, C. L., a.r.p. *C.M.*
M. G. H.
Morgan, William L., Jr., *M.* 1953; r.p. 1957
M. G. H.
MORGAN, WINFIELD S., a. path.; r.p. *Path.* 1951
M. G. H.
Morris, H. D., *Or.* 1937
3503 Prytania, New Orleans, La.
Morris, J. McL., *E.S.* 1942; a.r.s. 1947
Yale Univ. Sch. of Med.,
New Haven, Conn.
Morrison, G. M., *Or.* 1941
77 San Mateo Dr., San Mateo, Calif.
Morrison, H. R., *E.M.* 1936; r.p. *R.* 1939
370 Marlborough
Morrison, R. W., *E.S.* 1943
65 Sunset Parkway, Asheville, N. C.
MORRISSEY, A. M., a. *Oph.*
185 High, Medford
Morrissey, E. J., *Or.* 1935; r.s. *Or.* 1936
230 N. 5th, Reading, Pa.
Morse, G. W., *E.S.* 1910; h.s. *E.S.* 1912
Brooks Hosp., Brookline
Morton, J. J., h.s. *E.S.* 1916
Strong Memorial Hosp.,
Rochester, N. Y.
Moser, H. W., r.p. *N.* 1959 M. G. H.
MOSHER, H. A., a.s. *Oph.*
266 Beacon
Moss, A. J., *M.* 1958
103 Longview Ave.,
White Plains, N. Y.
Mote, J. R., *W.M.* 1937
11 E. 68th, New York, N. Y.
Moyer, D. LaR., a.r.p. *Path.* 1955
Univ. of California Sch. of Med.
at Los Angeles, Los Angeles, Calif.
Mudd, S. Harvey, *M.* 1954
National Inst. of Mental Health,
National Inst. of Health,
Bethesda, Md.
Mudd, Seeley G., *W.M.* 1926
523 W. 6th, Los Angeles, Calif.
MUELLER, E. H. J., r.p. *Psychiat.* (*McL.*); r.p. *Psychiat.* 1958
McLean Hosp., Belmont
MUELLER, G. C. E., a.r.s. (*S.* 1958)
M. G. H.
MUELLER, H. PETER, clin. assoc. *R.*
M. G. H.
Mueller, Harry L., *C.M.* 1935
31 Church, Winchester
MUELLER, W., dir. *Otolar. Path.*
Mass. E. & E. Inf.
Mulford, E. H., II, a.r.s. *N.S.* 1947
1 Atlantic, Stamford, Conn.
Müller, A. F., a.r.p. 1953
Hôpital Cantonal,
Univ. of Geneva,
Geneva, Switzerland

Munro, Jeannette, *C.M.* 1929
Princeton Hosp., Princeton, N. J.
Munro, N. D., *E.S.* 1942; r.s. 1944
740 W. Michigan Ave.,
Jackson, Mich.
Murphy, G. B., Jr., *S.* 1952; a.r.s. 1957
Gundersen Clinic, La Crosse, Wis.
MURPHY, H. J., a. dir. M. G. H.
MURPHY, W. F., attend. psychiat.
(*McL.*) 11 Marlborough
Murray, D. B., a.r.p. *Path.* 1956
New Eng. Deaconess Hosp.
MURRAY, J. E., clin. assoc. *S.*
330 Dartmouth
Musgrave, Rhoda U., r.p. *Psychiat.*
(*McL.*) 1937 address unknown
Mushatt, C., r.p. *Psychiat.* 1946
270 Commonwealth Ave.
MYERS, G. S., assoc. p. (*W.M.* 1942);
c.r.p. 1943 M. G. H.
NADAS, A. S., assoc. p. *C.M.*
Children's Med. Center
NARDI, G. L., a.s. (*E.S.* 1945);
r.s. 1951 M. G. H.
Nathan, L., *Or.* 1930
475 Commonwealth Ave.
NELLHAUS, G., c.r.p. *C.M.* (*C.M.*
1957) M. G. H.
Nelson, C., *E.S.* 1939 490 Post,
San Francisco, Calif.
Nelson, R. M., a.r.s. 1954
Univ. of Utah Coll. of Med.,
Salt Lake City, Utah
Nelson, W. M., *E.M.* 1920
1305 4th Ave., Seattle, Wash.
NEMIAH, J. C., assoc. psychiat.; a.r.p.
Psychiat. 1949 M. G. H.
Neptune, E. McC., *E.S.* 1928
109 W. Onondaga, Syracuse, N. Y.
Nesche, G. E., r.p. *W.M.* 1929
2938 McClure, Oakland, Calif.
NEUMANN, E. T., admin. M. G. H.
NEVILLE, C. W., r.p. *Psychiat.*
(*McL.*) McLean Hosp., Belmont
Newell, James W., *W.S.* 1943; j.r.s.
1944 29 Glen Alpine Rd.,
Piedmont, Calif.
NEWELL, JOHN L., assoc. obst. (*E.S.*
1932) 1101 Beacon, Brookline
Newhall, H. F., *E.S.* 1906
51 Nahant, Lynn
Newman, E. V., *C.M.* 1941
Vanderbilt Univ. Sch. of Med.,
Nashville, Tenn.
NEWMAN, H. A., a.r.p. *C.M.*
M. G. H.
Newstedt, J. R., r.s. 1950
108 William Howard Taft Rd.,
Cincinnati, Ohio
Nicholson, J. T., r.s. *Or.* 1933
1740 Bainbridge,
Philadelphia, Pa.
Nicosia, A. P., a.r.p. *C.M.* 1949
348 Park Ave., Munsey Park,
Manhasset, Long Island, N. Y.
Nielsen, T. W., *S.* 1949; a.r.s. 1953
60 S. 4th, East, Salt Lake City, Utah
Nilges, R. G., r.s. *N.S.* 1951
2717 Wabash Ave., Gary, Ind.
Noble, C. A., Jr., *E.M.* 1931
384 Post, San Francisco, Calif.
NOBLES, E. R., Jr., a.r.s. (*S.* 1955)
M. G. H.
Norbury, F. B., *M.* 1949
1631 Mound Ave.,
Jacksonville, Ill.
Norcross, J. W., *E.M.* 1937
605 Commonwealth Ave.
Normann, N., a.r.p. *An.* 1951
Eastern Pennsylvania Psychiatric Inst.,
Philadelphia, Pa.
NORTON, P. L., v.s. *Or.* (*Or.* 1933);
r.s. *Or.* 1934
1180 Beacon, Brookline
NOSS, G. M., clin. assoc. *Dn.*
31 Bay State Rd.
NYILAS, E., a. physicist *M.* M. G. H.
Oakley, J. C., *Dn.* M. G. H.
O'Brien, F. W., Jr., a.r.p. *R.* 1951
465 Beacon
O'BRIEN, RICHARD G., a. *R.*
1265 Beacon, Brookline;
465 Beacon
O'Brien, Robert M., *Or.* 1941
950 Francis Pl., St. Louis, Mo.
O'Brien, W. M., *M.* 1957; a.r.p. 1958
National Inst. of Health,
Bethesda, Md.
O'Connor, D. S., *Or.* 1925
Yale Univ. Sch. of Med.,
New Haven, Conn.
O'Connor, H., a.r.s. *Or.* 1953
Vet. Adm. Hosp.,
150 S. Huntington Ave.,
Jamaica Plain
Odland, G. F., *M.* 1947; r.p. *D.* 1954
1523 Medical and Dental Bldg.,
Seattle, Wash.
OFFENBACH, BERTHA, a. *Oph.*
270 Commonwealth Ave.
Ogden, R. T., *C.M.* 1925
85 Jefferson, Hartford, Conn.
OJEMANN, R. G., a.r.s. *N.S.*
M. G. H.
OKAMURA, I. D., a. *Oph.*
Mass. E. & E. Inf.
O'KEEFE, E. S., hon. p.
31 Broad, Lynn

O'Keeffe, A. F., a.r.s. 1951
410 South, Needham
OKUN, M. R., a.r.p. *D.* M. G. H.
OLIN, H. S., r.p. *Psychiat.* (*McL.*); a.r.p. *Psychiat.* 1959
McLean Hosp., Belmont
OLIN, M. J., a. dn. s.
29 Commonwealth Ave.
O'Malley, A. F., a.r.s. *U.* 1957
Vet. Adm. Hosp.,
150 S. Huntington Ave., Jamaica Plain
Omer, J. A., *Or.* 1912
4 E. Congress, Tucson, Ariz.
Organick, A. B., *M.* 1952; a.r.p. 1953
Navajo Med. Center Sanitarium,
Fort Defiance, Ariz.
Ormandy, L., *Or.* 1943
1532 16th, N.W., Washington, D.C.
O'ROURKE, H. J., a. podiatrist *Or.*
111 Main, Peabody
Orski, Barbara M., *C.M.* 1955; a.r.p. *C.M.* 1956
Kaiser Foundation Hosp.,
Oakland, Calif.
Osborne, R. K., *M.* 1957
Mallory Inst. of Path.,
Boston City Hosp.
Osgood, Herman A., h.p. *R.* 1919
144 Commonwealth Ave.
Osgood, Howard, *E.M.* 1917
187 Linwood Ave., Buffalo, N. Y.
O'SHEA, J. A., clin. assoc. *C.M.*; a.r.p. *C.M.* 1950 11William, Andover
Osius, E. A., *W.M.* 1923
901 David Whitney Bldg.,
Detroit, Mich.
O'Sullivan, Renée B., *C.M.* 1957
Children's Med. Center
Ottenheimer, E. J., *E.S.* 1924
432 Mansfield Ave.,
Willimantic, Conn.
Owen, W. R., *M.* 1950; r.p. 1952
6410 Fannin,
Houston, Tex.
Owyang, Pauline, *C.M.* 1943
4797 Telegraph Ave.,
Oakland, Calif.
Packard, G. B., *E.S.* 1916; h.s. *E.S.* 1917 227 16th, Denver, Colo.
Packert, R. C., r.p. *R.* 1958 M. G. H.
PAGE, L. B., a. *M.* (*M.* 1950); r.p. 1956 M. G. H.
PALMER, R. S., *Bd. of Cons.* (*W.M.* 1927) 330 Dartmouth
Papadopoulos, D. A., r.s. *U.* 1956
4 Dragoumi, Thessalonica, Greece
Park, J. H., *C.M.* 1918
3720 Fannin, Houston, Tex.
Parker, G. D., *Dn.* 1939
5528 E. 33rd Ave., Denver, Colo.
Parker, Jack S., *W.S.* 1946
3 Seaward Rd., Wellesley Hills
Parker, James M., *E.S.* 1937
31 Deering, Portland, Maine
Parkhurst, A. E., *W.M.* 1919
1 Monument Sq., Beverly
PARKHURST, E. C., a. *U.*; r.s. *U.* 1958 M. G. H.
Parnall, E., *Or.* 1932
702 E. Central Ave.,
Albuquerque, N. M.
Parson, W., c.r.p. 1942
Sch. of Med., Univ. of Virginia,
Charlottesville, Va.
PARSONS, ANNE, a. soc. anthropol. (*McL.*) McLean Hosp., Belmont
PARSONS, L., *Bd. of Cons.* (*W.S.* 1929) 203 Commonwealth Ave.
Patterson, H. E., a.r.p. *C.M.* 1952
210 S. 11th Ave., Yakima, Wash.
PATTERSON, J. F., a. *D.*
New Eng. Center Hosp.
Patterson, Robert L., Jr., *Or.* 1935
148 E. 65th, New York, N. Y.
Patterson, Russel H., *E.S.* 1919; h.s. *U.* 1920
63 E. 91st, New York, N. Y.
Patton, A. S., *S.* M. G. H.
Paul, J. R., Jr., *C.M.* 1943
4002 Hammersley Ave.,
Madison, Wis.
Paul, O., *W.M.* 1943
122 S. Michigan Ave.,
Chicago, Ill.
PAVLO, I. L., a. *Oph.* 520 Beacon
Peabody, C. W., *E.S.* 1917 and *Or.* 1920 25 Riverside Dr.,
Barrington, R. I.
Peabody, H. D., Jr., *M.* 1945
3147 Front, San Diego, Calif.
Pearl, D. C., Jr., *S.* M. G. H.
Pearse, R. L., *E.S.* 1934
604 W. Chapel Hill,
Durham, N. C.
Pearson, C. M., a.r.p. *Path.* 1948
Univ. of California Med. Center,
Los Angeles, Calif.
Pearson, O. H., *W.M.* 1941; a.r.p. 1942 Memorial Hosp.,
New York, N. Y.
Pechet, M. M., a.r.p. 1952 M. G. H.
PEDERSON, D. P., a. an.; c.r.p. *An.* 1957 M. G. H.
PEEBLES, R. R., a. psychol. M. G. H.

PEEBLES, T. C., a.p. *C.M.* (*C.M.* 1952); c.r.p. *C.M.* 1955
100 Summer, Weston

Peete, W. P. J., *S.* 1948; r.s. 1953
Duke Univ. Med. Center, Durham, N. C.

Peiffer, Geraldine M., a.r.p. *An.* 1957
St. Margaret Hosp., Hammond, Ind.

PENDERGRASS, H. P., a.r. M. G. H.

PENDLETON, M. E., a.p. *C.M.*
Boston Lying-in Hosp.

Perkins, A., *E.S.* 1925
1900 Lincoln Ave., Ogden, Utah

Perkins, J. F., Jr., *W.S.* 1938
Univ. of Chicago, Chicago, Ill.

Perkins, W. A., *E.S.* 1917; h.s. *E.S.* 1919
2490 Channing Way, Berkeley, Calif.

Perley, A. I., r.p. *D.* 1948
2030 11th Ave., South, Birmingham, Ala.

PERLO, V. P., assoc. n. M. G. H.

Perrin, G. M., *C.M.* 1953; a.r.p. *C.M.* 1954
Boston City Hosp.

Perry, J. W., r.p. *Psychiat.* (*McL.*) 1947
Zurich, Switzerland

PERRY, JALNA A., r.p. *Psychiat.* (*McL.*)
McLean Hosp., Belmont

Persons, E. L., *E.M.* 1929; r.p. *E.M.* 1930
Duke Univ. Med. Center, Durham, N. C.

Peters, J. H., *W.M.* 1943
44 E. 23rd, New York, N. Y.

Petersen, J. A., r.p. *R.* 1956
81 College Ave., Somerville

Peterson, E. W., *M.* 1944; a.r.p. 1947
Arneill Clinic, Denver, Colo.

Peterson, Harold O., a.r.p. *R.* 1936
350 St. Peter, St. Paul, Minn.

Peterson, Hugo O., *E.M.* 1912
36 Pleasant, Worcester

Petranek, J. R., *M.* 1954; a.r.p. 1955
Pondville Hosp., Walpole

PFEFFER, W., Jr., a.p. *C.M.*
356 Walnut, Wellesley

Phelps, W. M., *Or.* 1922 and *Thd. S.* 1923
3038 St. Paul, Baltimore, Md.

Phillips, E. B., II, *C.M.* 1948; a.r.p. *C.M.* 1949
319 Longwood Ave.

Phippen, W. G., *S.S.* 1906
31 Chestnut, Salem

Picard, E. H., a.r.p. *N.* 1957 M. G. H.

PICK, W., clin. assoc. *C.M.*; r.p. *C.M.* 1947
42 Fox, Fitchburg

Pickard, N. S., *Or.* 1940
Plaza Med. Bldg., Kansas City, Mo.

PIER, A. S., Jr., a.p. (*W.M.* 1941); a.r.p. 1942
262 Beacon

Pier, G., *W.S.* 1943
111 E. 94th, New York, N. Y.

Pierce, F. D., r.p. *W.M.* 1931
619 E. Broward Blvd., Fort Lauderdale, Fla.

PIERCE, IRENE R., c. psychol. (*McL.*)
McLean Hosp., Belmont

Pike, M. M., *Or.* 1929
85 Jefferson, Hartford, Conn.

Pillsbury, P. L., *W.M.* 1942
3512 Clay, San Francisco, Calif.

Pinckney, M. M., *W.M.* 1932
116 E. Franklin, Richmond, Va.

PIPPITT, R. B., a.s. *Oph.* (*E.M.* 1938 and *Path.* 1939); a.r.p. *N.* 1941
328 Washington, Wellesley Hills

PITTMAN, HELEN S., *Bd. of Cons.* M. G. H.

Pittman, J. A., Jr., *M.* 1953; a.r.p. 1954
Vet. Adm. Hosp., Birmingham, Ala.

Pitts, J. D., *S.* 1950; a.r.s. 1956
314 Angell, Providence, R. I.

Placak, J. C., Jr., *W.S.* 1936
10515 Carnegie Ave., Cleveland, Ohio

PLOTKIN, L. H., clin. assoc. *C.M.* (*C.M.* 1955); a.r.p. *C.M.* 1956
38 Chestnut, Springfield

Pohl, J. F., *Or.* 1934
78 S. 9th, Minneapolis, Minn.

POINT, W. W., a.p. M. G. H.

POLANSKY, S. C., a.dn.s.
60 Washington, Salem

POLLARD, J. T., Jr., r.p. *R.* M. G. H.

POLLEN, A., a.s. *Oph.* 636 Beacon

PONTOPPIDAN, H., a.an.; c.r.p. *An.* 1958
M. G. H.

POPE, A., n.p. (*McL.*)
McLean Hosp., Belmont

Porter, H., r.p. *N.* 1946
New Eng. Center Hosp.

Porter, P. J., *C.M.* 1957; a.r.p. *C.M.* 1958
Children's Med. Center

Porvaznik, J. T., Jr., *S.* M. G. H.

POSKANZER, D. C., r.p. *N.* M. G. H.

POSTEL, S., a. *M.* M. G. H.

POTSAID, M. S., a. *R.*; r. (*McL.*); r.p. *R.* 1957
M. G. H.

POTTER, M. G., a. *Psychiat.*
1419 Beacon, Brookline

POTTS, J. T., a.r.p. (*M.* 1958) M. G. H.

POULES, RUTH E., exec. a. *B.M.* (*R.N.*) M. G. H.

POULIN, F. K., a.dn.s. (*Dn.* 1942) 196 Marlborough
Powell, S. M., Jr., a.r.p. *C.M.* 1947 3154 Reid Dr., Corpus Christi, Tex.
Prather, G. C., *E.S.* 1925 1180 Beacon, Brookline
Pratt, T. C., *E.S.* 1929 1101 Beacon, Brookline
PREKUP, J. T., a. dir. (*McL.*) McLean Hosp., Belmont
PRICE, S. E., Jr., a.r.s. *U.* (*S.* 1955); a.r.s. 1958 M. G. H.
Prindle, K. H., *N.* 1926 and *W.S.* 1928 23 Baldwin Ave., San Mateo, Calif.
Probst, J.-H., a.r.p. *C.M* 1957 M. G. H.
PRUS, A. M., a.r.p. *An.* M. G. H.
PRYLES, C. V., a.p. *C.M.* Boston City Hosp.
Putnam, C. R. L., *S.S.* 1895 333 E. 68th, New York, N. Y.
Putnam, H. M., *E.M.* 1937 743 High, Dedham
Putnam, J. J., *C.M.* 1920 28 School, Foxboro
Putnam, T. J., *E.S.* 1923 450 N. Bedford Dr., Beverly Hills, Calif.
Quan, S. H. Q., *Path.* 1947 Memorial Hosp., New York, N. Y.
QUARTON, G. C., assoc. psychiat.; r.p. *N.* 1947; r.p. *Psychiat.* 1949; sr. r.p. *Psychiat.* (*McL.*) 1950 M. G. H.
QUINBY, J. T., a.p. (*E.M.* 1941) M. G. H.
QUINBY, W. C., Jr., a.s.; r.s. 1950 M. G. H.
Quinn, T. J., Jr., r.p. *An.* 1950 505 2nd Ave., San Bruno, Calif.
RABB, S. R., *Trustee* 393 D, S. Boston
Rabinowitz, M., a.r.p. 1955 M. G. H.
RABKIN, M. T., r.p. (*M.* 1956) M. G. H.
RACKEMANN, F. M., hon. p. (*E.M.* 1914) 266 Beacon
Radcliffe, E. J., *Or.* 1925 67 Butterfield Ter., Amherst
Radebaugh, J. F., Jr., *C.M.* 1954; a.r.p. *C.M.* 1955 26 S. Goodman, Rochester, N. Y.
RAE, R. G., dn.s. 145 W. Elm, Brockton
Ragland, S., Jr., *M.* 1951; a.r.p. 1952 3540 Floyd Ave., Richmond, Va.
RAK, I. P., a. *Psychiat.* 422 Beacon
RAKER, J. W., a.s. (*E.S.* 1942); r.s. 1949 M. G. H.
Ramcharan, Savitri, *C.M.* 1954 Trinidad, British West Indies
Randall, Raymond V., *M.* 1946 Mayo Clinic, Rochester, Minn.
Randall, Russell E., Jr., a.r.p. 1956 320 James, Teaneck, N. J.
Randolph, J. G., a.r.s. 1958 Children's Med. Center
RAPOPORT, R. N., assoc. soc. anthropol. (*McL.*) McLean Hosp., Belmont
Rappleye, W. C., *W.M.* 1919 Josiah Macy, Jr. Foundation, 16 W. 46th, New York, N. Y.
Rasmussen, H., *M.* 1953; a.r.p. 1955 Rockefeller Inst., New York, N. Y.
Rasmussen, Jane S., *C.M.* 1954; a.r.p. *C.M.* 1955 445 E. 65th, New York, N. Y.
Ratcliffe, J. W., *W.S.* 1946 111 St. Matthews Ave., San Mateo, Calif.
Rauh, A. E., *C.M.* 1936 725 S. 2nd, Springfield, Ill.
Ray, L. F., r.p. *D.* 1939 Medical Dental Bldg., Portland, Oreg.
Rebello, D. J. A., a.r.p. *D.* 1954 Skin and Cancer Hosp. of Philadelphia, Philadelphia, Pa.
RECORD, E. E., a.s. *Or.* (*N.S.* 1937 and *Or.* 1941) 234 Marlborough
Reed, C. R., Jr., *Or.* 1936 1833 Line Ave., Shreveport, La.
REED, G. F., a.s. *Otolar.* and a.c. *Otolar.* Mass. E. & E. Inf.
Reeves, J. D., r.p. *R.* 1951 Univ. of Florida Coll. of Med., Gainesville, Fla.
Reeves, R. J., r.p. *R.* 1926 Duke Univ. Med. Center, Durham, N. C.
REGAN, C. D. J., a. *Oph.* 520 Commonwealth Ave.
REGGIO, A. W., hon. s. (*W.S.* 1914) School, Medfield
Register, J. F., *Or.* 1936 137 Bishop, Greensboro, N. C.
REID, D. E., *Bd. of Cons.* 221 Longwood Ave.
Reid, Elizabeth Aub, *M.* 1952 Mass. Mental Health Center
REIDY, J. A., a.s. *Or.* (*Or.* 1939) 3 Seaward Rd., Wellesley Hills; M. G. H.
Reilly, W. A., *C.M.* 1928 Vet. Adm. Hosp., San Francisco, Calif.

REITH, H. C., clin. assoc. *Dn.*
370 Commonwealth Ave.

REMENSNYDER, J. P., Jr., a.r.s. (*S.* 1958) M. G. H.

Revercomb, P. H., a.r.p. 1933
1031 Quarrier, Charleston, W. Va.

REYERSBACH, GERTRUD C., assoc. p. *C.M.* (*C.M.* 1943); r.p. *C.M.* 1945 330 Dartmouth

Reynolds, G. S., r.s. *Thd. S.* 1924
100 North, Pittsfield

Rhinelander, F. W., *E.S.* 1937 and *Or.* 1938
Cleveland Metropolitan Gen. Hosp., Cleveland, Ohio

RHODES, F. I., dn.s.
1352 Beacon, Brookline

Rhodes, J. S., r.s. *U.* 1935
700 W. Morgan, Raleigh, N. C.

RICE, J. O., r.p. *Psychiat.* (*McL.*)
McLean Hosp., Belmont

Richards, D. N., *E.S.* 1912
400 29th, Oakland, Calif.

Richards, D. N., Jr., *W.S.* 1943; a.r.s. 1948
166 Tunnel Rd., Berkeley, Calif.

RICHARDS, R. S., a. *R.;* r.p. *R.* 1958 M. G. H.

RICHARDSON, E. P., Jr., assoc. n. and n.p. (*M.* 1943); r.p. *Psychiat.* 1947 M. G. H.

RICHARDSON, G. S., a. *S.* (*W.S.* 1947); r.s. 1954 M. G. H.

RICHARDSON, J. R., s. *Otolar.*
403 Commonwealth Ave.

Richardson, W. R., *W.S.* 1945; a.r.s. 1950 2754 Bush Blvd., Birmingham, Ala.

RICHIE, R. H., Jr., a.p. *C.M.;* a.r.p. *C.M.* 1957 M. G. H.

Riddell, R. V., *E.S.* 1943 and *Path.* 1947 902 Edmond, St. Joseph, Mo.

Riege, D. H., *C.M.* 1947
1711 Roosevelt Ave., San Antonio, Tex.

RIEMER, K., a.s. *Oph.*
403 Commonwealth Ave.

Riley, A., *S.S.* 1909
59 Bay State Rd.

Risley, E. H., *E.S.* 1908
27 College Ave., Waterville, Maine

Risley, T. S., *E.S.* 1942; r.s. 1947
1 Monument Sq., Beverly

Ritchie, A. C., a.r.p. *Path.* 1954
St. Mary's Hosp., Montreal, Canada

ROBBINS, L. L., c. *R.;* r.p. *R.* 1941 M. G. H.

Roberts, C. D., a.r.p. 1938
109 E. Palisade Ave., Englewood, N. J.

Robertson, C. W., *Path.* 1942 and *E.S.* 1943; r.s. 1947
203 Commonwealth Ave.

Robertson, O. H., *W.M.* 1914
Dept. of Biol., Stanford Univ., Stanford, Calif.

ROBEY, J. S., a.p. *C.M.* (*C.M.* 1953); a.r.p. *C.M.* 1956 51 Brattle, Cambridge

Robillard, Francoise Robert, a.r.p. *Path.* 1956 1676 Van Horne Ave., Montreal, Canada

Robillard, R. L., a.r.p. *N.* 1957
1676 Van Horne Ave., Montreal, Canada

Robins, E., a.r.p. *Psychiat.* 1945
Washington Univ. Sch. of Med., St. Louis, Mo.

Robinson, C. M., *W.S.* 1913
31 Deering, Portland, Maine

ROBINSON, D. R., a.r.s. (*M.* 1958) M. G. H.

Robinson, J. M., r.p. *R.* 1936
2115 Van Ness Ave., San Francisco, Calif.

ROBINSON, M., a. *Otolar.*
206 Waterman, Providence, R. I.

ROBINSON, P. M., r.p. *Psychiat.* (*McL.*) McLean Hosp., Belmont

ROCK, J., *Bd. of Cons.* (*W.S.* 1919)
77 Glen Rd., Brookline

Rockey, E. W., *E.S.* 1914
330 Med. Arts Bldg., Portland, Oreg.

ROCKWOOD, ETHEL M., hon. p.
416 Marlborough

Rodgers, R. S., r.s. *U.* 1947
547 Med. Arts Bldg., Minneapolis, Minn.

RODKEY, G. V., a.s. (*W.S.* 1943); r.s. *Or.* 1945; a.r.s. 1950
266 Beacon

Roe, B. B., *W.S.* 1943; r.s. 1950
384 Post, San Francisco, Calif.

Rogers, D. M., *C.M.* 1938
9 Pine, S. Hamilton

ROGERS, H., *Bd. of Cons.* (*E.S.* 1925)
580 Osgood, N. Andover

Rogers, O. F., *W.M.* 1913; h.p. *E.M.* 1916
140 Ogden, New Haven, Conn.

ROGERS, WILLIAM A., *Bd. of Cons.* (*Or.* 1924) 266 Beacon

ROGERS, WILLIAM P., Jr., a.s.; a.s. *Otolar.* Taylor Med. Bldg., Weston

ROLETT, E. L., r.p. (*M.* 1956) M. G. H.

ROOPENIAN, A., a.s. *Otolar.* 475 Commonwealth Ave.

Roots, L. H., *W.S.* 1933 Hua Chung College, Hsichow, China

ROPES, MARIAN W., assoc. p.; a.r.p. 1934 M. G. H.

Rosales, Remedios K., r.p. *N.P.* 1952; a.r.p. *Path.* 1954 Univ. of Santo Tomás, Manila, P. I.

Rose, A. S., *E.M.* 1934; r.p. *Psychiat.* (*McL.*) 1934 Univ. of California Med. Center, Los Angeles, Calif.

Rose, J. A., *M.* 1957; a.r.p. 1958 National Inst. of Health, Bethesda, Md.

ROSE, P. F., a.r.p. *C.M.* M. G. H.

Rosen, R. B., *C.M.* 1953; a.r.p. *C.M.* 1954 Children's Med. Center

ROSEN, V. J., Jr., a.r.p. *Path.* M. G. H.

Rosenbaum, M., r.p. *Psychiat.* (*McL.*) 1937; r.p. *Psychiat.* 1939 Cincinnati Gen. Hosp., Cincinnati, Ohio

ROSENBERG, E. WILLIAM, r.p. *D.* M. G. H.

Rosenberg, Earle H., *Dn.* 1958 M. G. H.

ROSENKRANTZ, J. G., a.r.s. (*S.* 1954) M. G. H.

Rosenman, L. D., *E.S.* 1943; a.r.s. 1949 2320 Sutter, San Francisco, Calif.

Rosenthal, A. L., a.r.p. *D.* 1956 c/o Dr. Charles R. Rein, 580 5th Ave., New York, N. Y.

ROSS, R. A., p. *C.M.* 51 Brattle, Cambridge

Rosser, C., *W.S.* 1918 1719 Pacific Ave., Dallas, Tex.

Roth, J. d'A., *M.* 1945 Regional Hosp., SHAAF, Salvia, Kan.

Roth, S. I., *Path.* 1957; a.r.p. *Path.* 1958 M. G. H.

ROTHBERG, H. D., Jr., r.p. (*M.* 1954) M. G. H.

Rothfeld, L. J., a.r.p. *An.* 1955 711 Grevillea, Hawthorne, Calif.

ROUILLARD, F., a. obst. 319 Longwood Ave.

ROUNDS, C. E., dn.s. (*Dn.* 1947) 403 Commonwealth Ave.

ROURKE, GRACE MARGARET, res. assoc. *M.* M. G. H.

Rovit, R. L., r.s. *N.S.* 1958 Montreal Neurological Inst., Montreal, Canada

ROWE, C. R., a.s. *Or.* (*Or.* 1939) M. G. H.

Rowe, J. C., *M.* 1952; r.p. 1957 490 Post, San Francisco, Calif.

Rowell, H. G., *W.S.* 1921 525 W. 120th, New York, N. Y.

RUBEN, M., a.s. *Otolar.* 311 Commonwealth Ave.

Rubinstein, J. H., *C.M.* 1954; a.r.p. *C.M.* 1955 Children's Hosp., Cincinnati, Ohio

RUBOY, J. S., a.r.p. *C.M.* M. G.H.

RUDY, H. A., a. *U.* 60 Brattle, Cambridge

Ruffin, M. deG., *Path.* 1939; r.p. *Path.* 1940 2015 R, N.W., Washington, D.C.

Rukes, J. M., *M.* 1950; a.r.p. 1952 Barnes Hosp., St. Louis, Mo.

Ruley, H. B., *N.S.* 1939 and *W.S.* 1941; a.r.s. 1942 Med. Arts Bldg., Oak Ridge, Tenn.

RUNGE, P. M., a. *Oph.* 140 Marlborough

Russell, H. N., Jr., *C.M.* 1939 Greeley Clinic, Greeley, Colo.

RUSSELL, P. S., a. *S.* (*S.* 1949); r.s. 1956 M. G. H.

RUSSFIELD, AGNES BURT, a path. (*Path.* 1950); a.r.p. *Path.* 1951 M. G. H.

Rutherford, Robert N., *W.S.* 1938 707 Broadway, Seattle, Wash.

Rutherford, Rondall W., *C.M.* 1933 21 Institution Ave., Newton Centre

Rutledge, R. H., *S.* 1950; r.s. 1957 800 5th Ave., Fort Worth, Tex.

RUTSTEIN, D. D., assoc. p. H. M. S.

Rutter, T., *E.S.* 1946; a.r.s. 1949 832 E. Main, Medford, Oreg.

Ryan, J. P., *Dn.* 1953 211 6th, Mechanicville, N. Y.

Ryan, K. J., *M.* 1953; a.r.p. 1954 M. G. H.

RYAN, MILDRED L., a.d. 57 W. Elm, Brockton

Sabin, H. S., r.s. *U.* 1941 4903 Rockwood Parkway, N.W., Washington, D. C.

SACHS, B. J., a. *Oph.* 636 Beacon

Sack, T., r.p. *Psychiat.* (*McL.*) 1958 McLean Hosp., Belmont

SAHAY, B. M., a.r.p. *Psychiat.* M. G. H.

Sahler, O. DeP., r.p. *R.* 1942
Mary Imogene Bassett Hosp., Cooperstown, N. Y.
SAIDI, F., a.r.s. M. G. H.
St. AUBIN, P. M. G., a.r. (*M.* 1948); r.p. *R.* 1953 M. G. H.
St. GOAR, W. T., a. *M.* (*M.* 1950); r.p. 1952 262 Beacon
Salamanca, J. J., *An.* 1943
Carrera 15, No. 15-34, Bogotá, Colombia
SALLADE, R. L., a.r.s. *U.* M. G. H.
SALZMAN, E. W., a.r.s. (*S.* 1954) M. G. H.
Sampson, D. A., a.r.p. *R.* 1937
203 Suburban Sq. Bldg., Ardmore, Pa.
Sampson, J. J., *W.M.* 1923
2211 Post, San Francisco, Calif.
Sams, B. J., Jr., r.p. 1958 M. G. H.
Sanborn, F., *N.S.* 1939
S. Royalton, Vt.
SANCHEZ, G. C., a. *M.* (*M.* 1950); a.r.p. 1951 80 Berkeley, W. Newton; 330 Dartmouth
Sanders, M. B., *E.S.* 1920
American Hosp., Neuilly, Paris, France
SANDERS, R. W., a.r.p. *C.M.* (*C.M.* 1959) M. G. H.
Sanderson, S. S., a.r.p. *R.* 1933
740 St. Helens Ave., Tacoma, Wash.
Sandifer, M. G., Jr., *M.* 1948; a.r.p. 1949 Univ. of North Carolina Sch. of Med., Chapel Hill, N. C.
Sandler, A. I., *M.* 1956; r.p. 1958
475 E. Market, Long Beach, N. Y.
Sargent, F. B., *W.S.* 1920
124 Waterman, Providence, R. I.
Sarnoff, S. J., a.r.s. 1947
Harvard Sch. of Public Health
SARRIS, S. P., clin. assoc. *S.* (*W.S.* 1939); r.s. 1940
56 Broad, Lynn
Sasahara, A. A., a.r.p. 1957
Vet. Adm. Hosp., W. Roxbury
Saslow, G., r.p. *Psychiat.* 1943
Univ. of Oregon Med. Sch., Portland, Oreg.
SATIN, D. G., a.r.p. *Psychiat.* M. G. H.
Saunders, George M., *E.S.* 1928
5117 Federal Works Bldg., Washington, D. C.
Saunders, Gordon A., *E.M.* 1937
50 Pleasant, Arlington
SAVILLE, J. W., a.r.s. *Or.* M. G. H.
Sawyer, C. S., r.p. *D.* 1943
184 Waterman, Providence, R. I.
SCANNELL, J. G., assoc. v.s. (*E.S.* 1941); r.s. 1946 M. G.H.
SCATCHARD, G., cons. *Or.* M.I.T., Cambridge
SCEERY, R. T., a.p. *C.M.* (*C.M.* 1951); c.r.p. *C.M.* 1953
109 N. Main, Cohasset
Schaaf, R. S., *W.M.* 1943; r.p. 1948
425 Mount Prospect Ave., Newark, N. J.
SCHALL, L. A., c. *Otolar.* Mass. E. & E. Inf.
SCHAPIRO, R. H., a.r.p. (*M.* 1959) M. G. H.
SCHATZKI, R., clin. assoc. *R.*
1180 Beacon, Brookline
SCHATZKI, S. C., a.r.p. *R.* M. G. H.
Schenk, W. G., Jr., *E.S.* 1946
40 Gates Circle, Buffalo, N. Y.
SCHEPENS, C. L., a.s. *Oph.*
99 W. Cedar
Schiebler, G. L., *C.M.* 1955; a.r.p. 1956 36 Grandview Ter., Hamburg, Pa.
SCHIMKE, R. T., a.r.p. (*M.* 1959) M. G. H.
SCHMID, K., assoc. biochem. *M.* M. G. H.
SCHMIDT, R. A., a.r.p. *An.* M. G. H.
SCHMITT, F. O., *Trustee* M. I. T., Cambridge
Schnabel, T. G., Jr., a.r.p. 1947
209 Woodside Ave., Narberth, Pa.
Schnack, A. G. C., *E.M.* 1917
1013 Bishop, Honolulu, Hawaii
Schneider, B., r.p. *R.* 1947
Ochsner Clinic, New Orleans, La.
Schneider, C. C., *E.S.* 1919
231 W. Wisconsin Ave., Milwaukee, Wis.
Schneiderman, R. N., r.p. *D.* 1958
New York Univ. Postgraduate Med. Sch., 550 1st Ave., New York, N. Y.
SCHNITZER, R. D., a. psychol. (*McL.*) McLean Hosp., Belmont
Schoen, E. J., a.r.p. *C.M.* 1954
Kaiser Foundation Hosp., Oakland, Calif.
Scholl, A. J., *E.S.* 1917
1930 Wilshire Blvd., Los Angeles, Calif.
SCHOLL, MARY L., assoc. p. *C.M.* M. G. H.
Schueler, H. K., r.s. *U.* 1957
Harlan Memorial Hosp., Harlan, Ky.

Schuler, J. D., *C.M.* 1939
312 N. Boyle Ave.,
Los Angeles, Calif.

SCHULZ, M. D., r. M. G. H.

Schuster, S. R., a.r.s. 1952
Children's Med. Center

SCHWAB, R. S., n.; r.p. *N.* 1935
M. G. H.

Schwartz, A. B., *C.M.* 1914
Marquette Univ. Sch. of Med.,
Milwaukee, Wis.

Schwyzer, Marguerite, a.r.p. 1946
2069 Ford Parkway,
St. Paul, Minn.

SCOTT, ALFRED W., a. *Oph.*
5 Bay State Rd.

Scott, Arthur C., Jr., *W.S.* 1919
213 W. Ave. G, Temple, Tex.

SCOTT, D. H., a.s. *Oph.*
1 Monument Sq., Beverly

SCOTT, J. F., assoc. biophysicist *M.*
M. G. H.

Scott, M. W., Jr., *W.S.* 1945
720 Broad Ave., N.W.,
Canton, Ohio

Scott, T., r.p. 1939
200 W. 2nd, Lexington, Ky.

SCULLY, R. E., assoc. path. M. G. H.

Seabury, R. B., *W.S.* 1918
315 Whitney Ave.,
New Haven, Conn.

SEALE, E. S., a.s. *Oph.*
126 Bay State Rd.

Sears, J. B., *W.S.* 1929
416 Marlborough

Seed, J. C., *M.* 1946
Wellcome Res. Labs.,
Tuckahoe, N. Y.

SEELEY, C. B., a.r.p. *R.* M. G. H.

Seelye, W. C., *W.S.* 1900
390 Main, Worcester

Seigle, S. P., *E.M.* 1942; a.r.p. 1946
85 Jefferson, Hartford, Conn.

SELVERSTONE, B., clin. assoc. *N.S.*; r.s. *N.S.* 1947
New Eng. Center Hosp.

Semrad, E. V., r.p. *Psychiat.* (*McL.*) 1938
196 Trapelo Rd., Belmont

Senior, B., *C.M.* 1950; a.r.p. *C.M.* 1951
904 Med. Centre, Jeppe,
Johannesburg, South Africa

SEWALL, W. F., a. obst.
466 Commonwealth Ave.

Shaffer, F. G., *S.* 1952; r.s. *U.* 1955; a.r.s. 1956
221 Fairmont Ave.,
Fairmont, W. Va.

Shaffer, H. A., a.r.p. *R.* 1932
Monongalia Gen. Hosp.,
Morgantown, W. Va.

SHANGRAW, K. A., a.dn.s.
96 Bay State Rd.

Shannon, E. W., r.s. *N.S.* 1944
930 Hanna Bldg., Cleveland, Ohio

Shannon, James G., *Or.* 1931
37 Ontario, South,
St. Catharines, Ontario, Canada

SHANNON, JAMES M., clin. assoc. *S.* (*S.* 1948); a.r.s. 1954
31 Chestnut, Salem

Shannon, P. W., *Or.* 1934
1927 1st Ave., North,
Birmingham, Ala.

SHARP, J. T., a. *M.* M. G. H.

Sharpe, J. D., sr.r.p. *Psychiat.* (*McL.*) 1951
Brattleboro, Vt.

SHATTUCK, G. C., cons. *T. Dis.* (*E.M.* 1906) H. M. S.

Shaw, E. B., r.p. *C.M.* 1924
384 Post, San Francisco, Calif.

Shaw, J. L., r.s. *P.H.* 1935 and *U.* 1937
899 Madison Ave.,
Memphis, Tenn.

SHAW, R. S., a.s. and a. dir. of *Blood Bank* (*W.S.* 1946); r.s. 1952
M. G. H.

Shea, C. J., *E.S.* 1943
1101 Beacon, Brookline

SHEA, MARJORIE L., cons. for Community Relations M. G. H.

SHEALY, C. N., a.r.s. *N.S.* M. G. H.

Shedden, W. M., *E.S.* 1920; h.s. *U.* 1921 and *W.S.* 1922
Vet. Adm. Hosp., Lake City, Fla.

SHELDON, C. P., assoc. obst. (*E.S.* 1931)
319 Longwood Ave.

Sheldon, D. B., *S.* 1951; a.r.s. 1955
10911 Weyburn Ave.,
Los Angeles, Calif.

SHELDON, R. F., hon. p. (*E.S.* 1912)
31 Pinckney

SHERMAN, GRACE H., exec. a. *B.M.* (*S.N.* 1934) M. G. H.

SHERMAN, L., assoc. psychol. (*McL.*)
581 Pleasant, Brockton

Sherman, W. E., *C.M.* 1921
Winter Haven, Fla.

Ship, I. I., *Dn.* 1957 120 Center Dr.,
Bethesda, Md.

Shipley, Margaret S., *E.M.* 1943
310 Kenoza Ave., Haverhill

Shipman, T. L., r.s. *P.H.* 1936
Box 1663, Los Alamos, N. M.

Shirley, J. N., *W.S.* 1918
23 Commonwealth Ave., Newton

SHLOSSBERG, F. R., a.s. *Otolar.*
116 Emerson, Haverhill
Shorey, W. D., *E.S.* 1946; a.r.s. 1950
59 E. Madison, Chicago, Ill.
SHORT, C. L., p. (*W.M.* 1930); c.r.p. 1933 264 Beacon
Shugar, J. L., a.r.s. *Or.* 1950
70 Middlesex Rd., Waltham
Shurtleff, D. B., *C.M.* 1956; a.r.p. *C.M.* 1957
Children's Orthopedic Hosp., Seattle, Wash.
SIDMAN, R. L., a. *N.*; a.r.p. *N.* 1956 H. M. S.
SIFNEOS, P. E., assoc. psychiat.; r.p. *Psychiat.* (*McL.*) 1950; r.p. *Psychiat.* 1932 M. G. H.
Silverman, A. C., *C.M.* 1917
608 E. Genesee, Syracuse, N. Y.
SILVERMAN, S., attend. psychiat. (*McL.*) McLean Hosp., Belmont
SIMEONE, F. A., *Bd. of Cons.* (*W.S.* 1936); r.s. 1940
Cleveland Metropolitan Gen. Hosp., Cleveland, Ohio
SIMON, H., a.r.p. *R.* M. G. H.
Simon, R. L., *Or.* 1932
620 W. 4th, Williamsport, Pa.
Sinclair, E. B., r.p. *C.M.* 1940
176 Evergreen, Providence, R. I.
SINESI, S. J., a. *D.* M. G. H.
Singh, M. M., *M.* 1952; r.p. 1956
Gaya, Bihar, India
Single, Margaret A., a.r.p. *C.M.* 1958 M. G. H.
SINGLETON, J. W., a.r.p. (*M.* 1958) M. G. H.
Siperstein, M. D., a.r.p. 1955
Univ. of Texas Med. Sch., Dallas, Tex.
SISCOE, D. L., *Bd. of Cons.* (*E.M.* 1921) 1101 Beacon, Brookline
SISSON, W. R., hon. p. (*C.M.* 1912)
203 Commonwealth Ave.
Skinner, A. L., Jr., *C.M.* 1953
Children's Orthopedic Hosp., Seattle, Wash.
Skinner, J. C., r.p. *Psychiat.* 1948
Orchard Ave., Weston
SLATER, E. M., a.r.p. *An.* M. G. H.
Slaughter, R. F., r.p. *Psychiat.* (*McL.*) 1934
University Hosp., Augusta, Ga.
SLEEPER, E. L., clin. assoc. *Dn.*
25 Bay State Rd.
SLEEPER, RUTH, dir. *S.N. and Nurs. Serv.* (*S.N.* 1922) M. G. H.
SLEMONS, MARION L., a.p. *C.M.*
400 Commercial, Braintree
SLOANE, A. E., assoc. s. *Oph.*
416 Marlborough
Sloane, R. B., r.p. *Psychiat.* 1953
Queen's Univ., Kingston, Ontario, Canada
Smillie, J. W., *E.S.* 1944; j.r.s. 1945
University Hosp., Ann Arbor, Mich.
SMITH, CLEMENT A., cons. *C.M.*
221 Longwood Ave.
Smith, Curtis E., *W.M.* 1919 and *E.S.* 1921
490 Post, San Francisco, Calif.
Smith, E. Gerard, r.p. *R.* 1934
339 N. Duke, Lancaster, Pa.
Smith, Edward T., *Or.* 1937
6410 Fannin, Houston, Tex.
SMITH, G. G., hon. s. (*W.S.* 1909)
136 Myrtle
Smith, Hervey L., *W.M.* 1907
235 Queens Lane, Palm Beach, Fla.
Smith, Howard W., *Dn.* 1946
64 Trumbull, New Haven, Conn.
SMITH, J. A., *Bd. of Cons.*
1180 Beacon, Brookline
SMITH, L. H., Jr., a.p. (*M.* 1949); c.r.p. 1956 M. G. H.
Smith, M. L., a.r.p. *An.* 1951
544 W. 2nd, Lexington, Ky.
SMITH, N. T., a.r.p. *An.* M. G. H.
SMITH, P. H., a. an. M. G. H.
Smith, Richard H., a.r.p. *Psychiat.* 1958 M. G. H.
Smith, Richard M., *W.M.* 1909
330 Dartmouth
Smith, Robert P., *M.* 1943
195 S. Union, Burlington, Vt.
SMITH, T. R., a.s. *Oph.* and dir. *Oph. Path.* Mass. E. & E. Inf.
Smith, W. Pierce, r.p. 1956
Vet. Adm. Hosp., 150 S. Huntington Ave., Jamaica Plain
SMITH, WILLIAM D., hon. p. (*W.M.* 1913) 1731 Beacon, Brookline
SMITH, WILLIAM H., hon. p. (*W.M.* 1897)
262 Commonwealth Ave.
SMITH-PETERSEN, M., a. *Or.*; sr. r.s. *Or.* 1952 266 Beacon
SMITHWICK, R. H., *Bd. of Cons.* (*E.S.* 1927); r.s. *W.S.* 1928
203 Commonwealth Ave.
Sneddon, E. A., r.p. *An.* 1954
Mass. Memorial Hosp.

SNIFFEN, R. C., assoc. v. path.; r.p. *Path.* 1940
Memorial Hosp., Worcester

SNOW, J. C., c. *An.* (*E.* & *E.*)
Mass. E. & E. Inf.

Snyder, J. C., *W.M.* 1939
Harvard Sch. of Public Health, 695 Huntington Ave.

Snyder, Monica H., r.p. *An.* 1935
10879 Whipple, N. Hollywood, Calif.

Snyder, W. H., Jr., *W.S.* 1933; r.s. 1935 7046 Hollywood Blvd., Hollywood, Calif.

Sober, S., a.r.s. *Or.* 1953
481 Colbourne, London, Ontario, Canada

SOHIER, W. D., Jr., a. to gen. dir. *Res. and Ed.;* a. *M.* (*M.* 1947); r.p. 1951 M. G. H.

Soholt, S. T., sr.r.s. *Or.* 1951
139 Arch, Redwood City, Calif.

SOLOMON, H. C., *Bd. of Cons.;* cons. psychiat. (*McL.*)
Mass. Mental Health Center

Solomon, J., r.p. *N.* 1944
2331 W. 3rd, Los Angeles, Calif.

SOLOWAY, A. H., a. chem. *N.S.* M. G. H.

SOSA, D., r.s. *N.S.* M. G. H.

Sosman, J. L., a.r.p. *R.* 1952
Children's Med. Center

Soule, A. B., Jr., a.r.p. *R.* 1932
Mary Fletcher Hosp., Burlington, Vt.

SOUTTER, L., clin. assoc. *S.;* a.r.s. 1941 80 E. Concord

SOWLES, H. K., *Bd. of Cons.* (*W.S.* 1917); h.s. *W.S.* 1918
413 Blackstrap Rd., Falmouth, Maine

Spalding, R., *E.M.* 1902
Longwood Towers, Brookline

SPANGLER, A. S., a. *D.;* r.p. *D.* 1945 330 Dartmouth

Spangler, P. E., *W.S.* 1925
2747 S. W. Roswell Ave., Portland, Oreg.

Spear, L. M., *E.M.* 1906
483 Beacon

SPEARE, G. S., *Bd. of Cons.* (*W.S.* 1927) 353 Commonwealth Ave.

SPECTOR, L. B., a. biochem. *M.* M. G. H.

SPELLMAN, J. W., clin. assoc. *S.* (*Thd. S.* 1924 and *W.S.* 1926)
1101 Beacon, Brookline

Spence, H. M., *W.S.* 1932; r.s. *U.* 1934 4105 Live Oak, Dallas, Tex.

Spencer, Jack, r.p. *R.* 1934
31 Deering, Portland, Maine

Spencer, John R., *E.M.* 1943
2280 Clermont, Denver, Colo.

SPENCER, KATHERINE, res. assoc. *Soc. Anthropol.* (*McL.*)
Boston Univ. Sch. of Social Work

Spencer, R. E., a.r.p. *An.* 1951
Moses H. Cone Memorial Hosp., Greensboro, N. C.

Sphire, R. D., a.r.p. *An.* 1955
Grace Hosp., 4160 John R., Detroit, Mich.

Spiers, H. W., *Or.* 1920
4405 W. 9th, N. Hollywood, Calif.

SPIRO, D., a. path. M. G. H.

Splithoff, C. A., *Or.* 1942
3406 Webster, Oakland, Calif.

Sporer, Edita Sternova, *An.* 1942
459 Park Ave., Paterson, N. J.

Sprague, Elizabeth H., *C.M.* 1953
New York Hosp., New York, N. Y.

SPRAGUE, H. B., *Bd. of Cons.* (*E.M.* 1924) 1180 Beacon, Brookline

Squire, Lucy F., a.r.p. *R.* 1944
Gen. Hosp. of Syracuse, Syracuse, N. Y.

Stall, B. G., III, *M.* 1947; r.p. 1949
Med. Dept., Brookhaven National Lab., Associated Universities, Inc., Upton, Long Island, N. Y.

STALVEY, H. D., a. attend. psychiat. (*McL.*) 1419 Beacon, Brookline

STANBURY, J. B., assoc. p. (*W.M.* 1941); c.r.p. 1948 M. G. H.

STANTON, A. H., c. psychiat. (*McL.*); psychiat. McLean Hosp., Belmont

Staples, O. S., Jr., *Or.* 1938
Hitchcock Clinic, Hanover, N. H.

STARKE, R. D., a.r.p. (*M.* 1959) M. G. H.

Starobin, O. E., *M.* 1955; a.r.p. 1956
Vet. Adm. Hosp., 150 S. Huntington Ave., Jamaica Plain

Starr, I., *W.M.* 1922
Sch. of Med., Univ. of Pennsylvania, Philadelphia, Pa.

States, J. D., a.r.s. *Or.* 1955
35 Chestnut, Rochester, N. Y.

STAUFFER, RUTH E., a. *N.*; r.p. *N.* 1949 M. G. H.

Stearns, T., *E.S.* 1913 and *Or.* 1914
736 Haxtun Ave., Orange, N. J.

STEBBINS, H. D., clin. assoc. *M.* (*E.M.* 1933) 342 Essex, Salem
Steel, D., r.p. *R.* 1925
7911 Detroit Ave., Cleveland, Ohio
Steele, B. W., Jr., a.r.s. 1952
1307 S. Main, Tulsa, Okla.
Steenburg, D. B., *E.S.* 1915
McKee Bldg., Aurora, Nebr.
Steenburg, E. K., *E.S.* 1919
4200 Cathedral Ave., N.W., Washington, D. C.
STENGER, R. J., a. *Path.*; a.r.p. *Path.* 1958 M. G. H.
Stephens, W. A., *Or.* 1943
Pasteur Med. Bldg., St. Louis, Mo.
Stern, N. S., *E.M.* 1917
899 Madison Ave., Memphis, Tenn.
STERNSTEIN, H. J., assoc. s. *Otolar.*
54 Winter, Norwood
Stetson, J. B., a.r.p. *An.* 1953
827 W. Locust, Johnson City, Tenn.
Stetson, R. P., *W.M.* 1928
203 Commonwealth Ave.
Stevens, Harold W., *C.M.* 1914 and *E.M.* 1916
105 William, New Bedford
Stevens, Horace P., *W.S.* 1907
985 Memorial Dr., Cambridge
Stewart, James M., *M.* 1946
344 West Ave., Rochester, N. Y.
Stewart, John D., *E.S.* 1930; r.s. *W.S.* 1933
Edward J. Meyer Memorial Hosp., Buffalo, N. Y.
Stewart, John E., a.r.s. *Or.* 1947
Professional Bldg., Meriden, Conn.
Stewart, S. F., *Or.* 1921
1133 Punchbowl, Honolulu, Hawaii
Stewart, W. C., *W.M.* 1934
1205 Quarrier, Charleston, W. Va.
Stiefel, D. M., *Or.* 1923
1553 Woodward Ave., Detroit, Mich.
Stiff, D. W. S., r.p. *R.* 1950
Edward J. Meyer Memorial Hosp., Buffalo, N. Y.
STILES, Q. R., a.r.s. (*S.* 1956) M. G. H.
Stinchfield, A. J., a.r.s. *Or.* 1949
Skowhegan, Maine
STOCKS, J. F., a.r.p. *C.M.* M. G. H.
Stoddard, J. K., *E.M.* 1917
1311 Delaware Ave., Wilmington, Del.
STOECKLE, J. D., a.p. (*M.* 1949); r.p. 1951 M. G. H.
Stokes, J., Jr., *W.M.* 1921
Children's Hosp., Philadelphia, Pa.
STOKES, J., III, a. *M.*; r.p. 1954 M. G. H.
Stolman, J. M., *Dn.* 1956
305 Summit Ave., Brighton
Stone, A. A., r.p. *Psychiat.* (*McL.*) 1958 McLean Hosp., Belmont
STONE, BARTLETT H., a. obst.
1101 Beacon, Brookline
Stone, Bernard B., r.s. *N.S.* 1955
65 Elm, Worcester
STONE, W., Jr., a.s. *Oph.*
1101 Beacon, Brookline
Stout, H. A., *Path.* 1938; r.p. *Path.* 1939
Mayo Clinic, Rochester, Minn.
Stout, K. L., r.p. *D.* 1935
4418 Vineland Ave., N. Hollywood, Calif.
Stovner, J., a.r.p. *An.* 1953
Fethlitzgt 1, Oslo, Norway
Straehley, C. J., Jr., *W.S.* 1947; a.r.s. 1953 713 E. Genesee, Syracuse, N. Y.
Strauss, A. E., *E.M.* 1916
539 N. Grand Ave., St. Louis, Mo.
Strayer, L. M., Jr., *Or.* 1939
144 Golden Hill, Bridgeport, Conn.
STRICKLER, W. L., a.r.s. M. G. H.
STROLE, W. E., Jr., a.r.p. (*M.* 1959) M. G. H.
Strom, J. O., r.p. *N.P.* 1955
Univ. of Rochester Sch. of Med. and Dn., Rochester, N. Y.
Stunkard, A. J., *M.* 1946
Hosp. of Univ. of Pennsylvania, Philadelphia, Pa.
Sturdevant, C. L., *Or.* 1939
234 Marlborough
STURGIS, G. P., a.p.
1101 Beacon, Brookline
Sturgis, S. H., *E.S.* 1933
Peter Bent Brigham Hosp.
SUBY, H. I., assoc. v.u.; r.s. *P.H.* 1937 and *U.* 1939 262 Beacon
Sugiyama, T., j.r.s. 1944; r.s. *U.* 1946
604 Metz Bldg., Grand Rapids, Mich.
SULLIVAN, C. L., a. obst.
1180 Beacon, Brookline
Sullivan, E. R., *E.M.* 1936 and *Path.* 1937; r.p. 1941
139 Adams, Milton
SULLIVAN, G. L., assoc. s. *Oph.*
101 Bay State Rd.
SULLIVAN, J. J., a. *Oph.*
9 Central, Lowell

Summerall, C. P., III, *M.* 1956; a.r.p. 1957 46 Centre Ave., Belmont

Surls, J. K., *Or.* 1920 and *E.S.* 1922 130 East End Ave., New York, N. Y.

Sussman, M. L., r.p. *R.* 1930 1130 E. McDowell Rd., Phoenix, Ariz.

SUTHERLAND, D. W., a.r.p. (*M.* 1958) M. G. H.

Sutherland, G. F., r.p. *Psychiat.* (*McL.*) 1941 Dept. of Mental Hygiene, 2218 N. Charles, Baltimore, Md.

Sutphin, A. K., *W.M.* 1943; a.r.p. 1946 1805 Monument Ave., Richmond, Va.

Sutter, L. A., *D.* 1913 104 W. Douglas Ave., Wichita, Kan.

Suyama, E., *S.* 1951; a.r.s. 1955 Eastern Memorial Hosp., Ellsworth, Maine

SVENSON, ESTELLE C., exec. a. *B.M.* (*S.N.* 1922) M. G. H.

Swaim, L. T., *W.S.* 1912 Rock Maple Farm, E. Pepperell

Swan, Channing S., *W.S.* 1925 20 Gloucester

Swan, Charles L., Jr., *W.S.* 1929 20 Gloucester

SWARTZ, J. H., *Bd. of Cons.* 483 Beacon

SWARTZ, MORRIS, a. *Otolar.* 124 Ocean, Lynn

SWARTZ, MORTON N., a.p. (*M.* 1948); c.r.p. 1953 M. G. H.

Sweeny, D. N., Jr., *W.S.* 1941; r.s. 1943 Riverside Clinic, Detroit, Mich.

Sweet, C. D., *C.M.* 1913 2940 Summit, Oakland, Calif.

Sweet, E. B., a.r.s. *Or.* 1954 85 Jefferson, Hartford, Conn.

Sweet, P. L., *Dn.* 1949; a.r.s. *Dn.* 1950 45 Chambers

SWEET, RICHARD H., v.s. (*E.S.* 1928); r.s. *E.S.* 1930 87 Chestnut

Sweet, Robert B., a.r.p. *An.* 1950 Strong Memorial Hosp., Rochester, N. Y.

SWEET, W. H., v.n.s. (*N.S.* 1936); r.s. *N.S.* 1941 M. G. H.

Sweetnam, G. H., *Dn.* 1937 743 High, Dedham

Swineford, O., Jr., *W.M.* 1927 Univ. of Virginia Hosp., Charlottesville, Va.

SWINSON, MILDRED E., a. psychol. (*McL.*) McLean Hosp., Belmont

Sycamore, L. K., a.r.p. *R.* 1929 Hitchcock Clinic, Hanover, N. H.

Tabor, Celia White, *M.* 1945 3130 Wisconsin Ave., N. W., Washington, D. C.

TAFT, E. B., assoc. path. M. G. H.

TAFT, PRISCILLA D., a. *Path.* M. G. H.

Talalay, P., *S.* 1949; a.r.s. 1950 Univ. of Chicago, Chicago, Ill.

Talbert, O. R., r.p. *N.* 1953 Med. Coll. of South Carolina, Charleston, S. C.

TALBOT, F. B., hon. p. (*E.M.* 1907) 24 Cottage Farm Rd., Brookline

TALBOT, N. B., p. *C.M.* M. G. H.

Talin, J. J., *Or.* 1943 39 2nd, Troy, N. Y.

TALLAND, G. A., assoc. psychol. M. G. H.

TALLON, J. B., sr.r.s. *Or.;* a.r.p. *R.* 1953 M. G. H.

Talmadge, S. McN., *W.S.* 1938; r.s. *P.H.* 1939 1010 Prince Ave., Athens, Ga.

T'an, Chung-Chang, *Or.* 1943 Children's Hosp., New York, N. Y.

Tanner, J. B., sr.r.s. *Or.* 1954 300 Homer Ave., Palo Alto, Calif.

Tannheimer, J. F., r.p. *Path.* 1945; a.r.p. 1948 525 Lafayette, Ionia, Mich.

Tatlock, H., *W.M.* 1940 264 Elm, Northampton

TAYLOR, G. W., *Bd. of Cons.* (*W.S.* 1924); r.s. *E.S.* and *W.S.* 1925 Taylor Med. Bldg., Weston

Taylor, I. M., *M.* 1946; c.r.p. 1951 Univ. of North Carolina Sch. of Med., Chapel Hill, N. C.

TAYLOR, JOHN B., a.dn.s. (*Dn.* 1957) 160 Longwood Ave.

Taylor, John H., *E.M.* 1917 37 Marlborough

Teel, C. E., *W.S.* 1925 1155 State, Bellingham, Wash.

TEFFT, R. C., Jr., *Bd. of Cons.* 266 Beacon

TEMBY, W. D., a. attend. psychiat. (*McL.*) McLean Hosp., Belmont

TENNEY, B., Jr., a. obst. (*W.S.* 1927) 203 Commonwealth Ave.

Tenney, Vivian A., a.r.s. *Gyn.* 1943 155 E. 49th, New York, N. Y.

Tetirick, J. E., *S.* 1952; a.r.s. 1956
3051 Northwest Blvd.;
131 S. Grant Ave., Columbus, Ohio

Thacher, H. C., *C.M.* 1942
11 Turner, Auburn, Maine

Thatcher, B. van H., *E.S.* 1945; a.r.s. 1950
18 Kraft Ave.,
Bronxville, N. Y.

Thaxter, L. T., *E.M.* 1916; a.r.p. *R.* 1928
Cumberland Foreside,
Portland, Maine

THEOPOLD, P. H., *Trustee*
294 Washington

Theus, W. W., *Dn.* 1952
1019 Pickens, Columbia, S. C.

THOMA, K. H., hon. s.
1146 Beacon, Brookline

Thomas, Anne G. T., a.r.p. *Path.* 1956
Welch Sch. of Med., Cardiff, Wales

Thomas, H. M., Jr., *W.M.* 1917
314 Overhill, Baltimore, Md.

THOMAS, JACKSON M., a. *Psychiat.;* r.p. *Psychiat.* (*McL.*) 1933
319 Longwood Ave.

Thomas, John B., *M.* 1953; a.r.p. 1954
Boston City Hosp.

Thomas, R. L., *N.S.* 1933 and *E.S.* 1936
400 29th,
Oakland, Calif.

Thomas, W. A., a.r.p. *Path.* 1951
Barnes Hosp., St. Louis, Mo.

Thompson, J. E., *E.S.* 1943; r.s. *N.S.* 1945; a.r.s. 1948
1008 N. Washington Ave.,
Dallas, Tex.

Thompson, M. S., *Or.* 1934; r.s. *Or.* 1935
441 Burr Rd.,
San Antonio, Tex.

Thompson, P. P., Jr., *W.M.* 1942; a.r.p. 1946
704 Congress,
Portland, Maine

THOMPSON, RALPH D., clin. assoc. *Dn.*
64 Columbus,
Newton Highlands

THOMPSON, RICHARD H., clin. assoc. *S.* (*E.S.* 1937); r.s. 1940
26 Chestnut, Salem

Thompson, S. B., a.r.s. *Or.* 1947
Kernan Hosp. for Crippled Children, Baltimore, Md.

Thompson, V. P., *Or.* 1925
1136 W. 6th, Los Angeles, Calif.

Thompson, Walter A., r.p. *Psychiat.* (*McL.*) 1931
Pinewood, Katonah, N. Y.

Thompson, William T., a.r.p. 1941
1000 W. Grace, Richmond, Va.

THORNDIKE, A., cons. *S.* (*W.S.* 1923)
15 Holyoke, Cambridge

Thornton, C. E., a.r.p. *Psychiat.* 1958
14 Main, Topsfield

Thorp, E. G., *E.M.* 1931
Malden Hosp., Malden

Thurlbeck, W. M., a.r.p. *Path.* 1958
7 Beaufort House, Beaufort, Chelsea, London S.W. 3, England

TIBBETTS, MARGARET C., dir. *S.N. and Nurs. Serv.* (*McL.*)
McLean Hosp., Belmont

Tileston, W., *E.M.* 1900
Box CC, Carmel Valley, Calif.

TILLEY, R. F., a. d. 1180 Beacon,
Brookline

TIMBERLAKE, W. H., assoc. n.; r.p. *N.* 1949
20 Gloucester

Timm, A. B., Jr., r.p. *D.* 1956
36 W. Main, Milford, Conn.

Tingey, W. H., Jr., *Dn.* M. G. H.

Tisdale, W. A., *M.* 1952; r.p. 1956
610 Whalley Ave.,
New Haven, Conn.

Tobin, W. J., *Or.* 1939
1835 Eye, N.W., Washington, D.C.

Todd, B. P., *W.M.* 1938
1 Monument Sq., Beverly

TODD, D. P., assoc. an.; r.p. *An.* 1947
M. G. H.

TOLL, G. D., a.r.p. *Path.* (*S.* 1952); a.r.s. 1957
M. G. H.

TOLL, KAREL van S., a. *N.*
197 Coolidge Hill Rd., Cambridge

TOLMAN, M. M., d. 636 Beacon

TOMCHIK, F. S., a.r.; r.p. *R.* 1955
M. G. H.

Tompkins, D. G., sr.r.s. *Or.* 1958
Gundersen Clinic, La Crosse, Wis.

Tompkins, J. B., r.p. *Psychiat.* (*McL.*) 1937
Valleyhead, Concord

Toppan, R. L., *S.S.* 1910
148 High, Newburyport

Toriello, J., r.p. *R.* 1955
4a Calle 6-35, Zone 1,
Guatemala City, Guatemala

Tow, P. M., a.r.p. *Psychiat.* 1954
address unknown

Towery, B. T., r.p. 1946
Vanderbilt Univ., Nashville, Tenn.

TOWNSEND, J. H., *Bd. of Cons.* (*W.M.* 1923)
Vet. Adm. Hosp.,
150 S. Huntington Ave.,
Jamaica Plain

Tracy, R. J., *E.S.* 1943; a.r.s. 1949
153 South, Pittsfield

Trapp, C. E., r.p. *Psychiat.* (*McL.*) 1937
99 Bay State Rd.

Traver, C. A., *W.S.* 1927
28 Willett, Albany, N. Y.
Traver, R. F., *E.S.* 1930
Vet. Adm. Hosp., Bath, N. Y.
Trethowan, W. H., a.r.p. *Psychiat.* 1951
Univ. of Sydney, Sydney, New South Wales, Australia
Trevett, L. D., a.r.p. 1933; r.p. *N.* 1934
274 Commonwealth Ave.
TRIEGER, N., dn.s. (*Dn.* 1955); a.r.s. *Dn.* 1956
29 Commonwealth Ave.
Tripp, C. C., *W.S.* 1923
97 Madison, New Bedford
TRISTAN, M. P., a. *C.M.*
Boston City Hosp.
Troppoli, D. V., *N.* 1927
380 Broadway, Providence, R. I.
TROTTER, R. R., a. *Oph.* and a.c. *Oph.*
Mass. E. & E. Inf.
Trowbridge, E. H., Jr., a.r.p. *N.* 1940
1440 Professional Bldg., Kansas City, Mo.
Troxler, E. R., *Or.* 1942
1000 N. Elm, Greensboro, N. C.
TRUMP, J. G., cons. *Physics*
M. I. T., Cambridge
Tucci, J. H., *An.* 1944; r.p. *An.* 1945
Brockton Hosp., Brockton
Tucker, J. T., *Or.* 1930
116 E. Franklin, Richmond, Va.
Tucker, R. P., *W.S.* 1939; a.r.s. 1940
21 Lamboll, Charleston, S. C.
Tucker, W. I., r.p. *Psychiat.* 1944
605 Commonwealth Ave.
TUDOR, F., clin. assoc. *M.*
51 Randolph Ave., Milton
Turner, J. D., *M.* 1957; a.r.p. 1958
Peter Bent Brigham Hosp.
Tuttle, E. P., Jr., *M.* 1952; a.r.p. 1953
Emory Univ. Med. Sch., Atlanta, Ga.
Twombly, G. H., *W.S.* 1932
842 Park Ave., New York, N. Y.
Tyson, R. G., a.r.p. *C.M.* 1950
Permanente Hosp., Vallejo, Calif.
ULFELDER, H., c. *Gyn.* (*E.S.* 1939); r.s. *E.S.* 1941 M. G. H.
Ulick, S. C., *C.M.* 1952
Memorial Hosp., New York, N. Y.
Ulmer, J. L., r.s. *N.S.* 1942
McGuire Vet. Adm. Hosp., Richmond, Va.
Urist, M. R., sr. r.s. *Or.* 1947
1019 Grayley Ave., Westwood Village, Los Angeles, Calif.
Urmy, T. V., *E.M.* 1928; r.p. *E.M.* 1930
Williams College, Williamstown
URSCHEL, H. C., a.r.s. (*S.* 1956)
M. G. H.
Uyeda, C. I., *C.M.* 1950; a.r.p. *C.M.* 1951
2425 Geary Blvd., San Francisco, Calif.
Vagelos, P. R., *M.* 1955; a.r.p. 1956
National Inst. of Health, Bethesda, Md.
VAN BUSKIRK, D., a.r.p. (*M.* 1958)
M. G. H.
Vance, L. A., *Path.* 1937; r.p. *R.* 1939
16 Atlantic, Lynn
Vance, R. G., r.p. *R.* 1924 262 Beacon
VANDERPOL, M., a. psychiat. (*McL.*)
14 Charlesgate West
Vanderveen, J. L., c.r.p. *An.* 1955
M. G. H.
VAN DYKE, WILHELMINA, a.p. *C.M.* (*C.M.* 1942); r.p. *C.M.* 1943
16 Spafford Rd., Milton
Van Eerde, A., a.r.p. *An.* 1955
Paterson Gen. Hosp., Paterson, N. J.
VAN GORDER, G. W., hon. s.
262 Beacon
Van Nüys, F., *E.M.* 1907
338 Boston Post Rd., Weston
van Ravenswaay, A. C., *Path.* 1934
329 Main, Boonville, Mo.
van Ravenswaay, T., a.r.p. *Path.* 1957
M. G. H.
Varney, H. I., r.p. *Psychiat.* (*McL.*) 1938
1835 Eye, N.W., Washington, D.C.
Vaughan, R. H., *E.S.* 1944
29 Needham, Dedham
Vaughan, V. C., III, *C.M.* 1943
789 Howard Ave., New Haven, Conn.
Veazey, P. M., *C.M.* 1956; a.r.p. *C.M.* 1957
Babies' and Children's Hosp., Univ. Hosp., Cleveland, Ohio
Veldee, M. V., *E.M.* 1920
1855 Bay Laurel Dr., Menlo Park, Calif.
VERHOEFF, F. H., cons. c. *Oph.*
403 Commonwealth Ave.
Vial, A. B., *E.S.* 1943
2328 Fernwood, Ann Arbor, Mich.
VICKERY, A. L., Jr., assoc. path.
M. G. H.
VICTOR, M., assoc. n. M. G. H.
VIETS, H. R., *Bd. of Cons.*
Longwood Towers, Brookline
VILLEE, DOROTHY B., a. *C.M.* (*C.M.* 1956) 81 Cedar, Wellesley
VINCENT, B., hon. s. (*W.S.* 1903)
939 Boylston

Vitt, R. J., a.r.s. *Or.* 1951
793 N. Cherry Ave., Tulare, Calif.

Voke, E. L., j.r.p. *R.* 1931
256 W. Cedar, Akron, Ohio

Volwiler, W., *M.* 1944; r.p. 1945
Univ. of Washington Sch. of Med., Seattle, Wash.

von FELSINGER, J. M., psychol.
M. G. H.

von Meysenbug, L., *C.M.* 1917 and *W.M.* 1918
Box 3536, Daytona Beach, Fla.

Vose, R. H., *E.S.* 1897
34 Vose's Lane, Milton

WADDELL, W. R., assoc. v.s. (*W.S.* 1944); r.s. 1951 M. G. H.

WADDINGTON, E. J., dn.s.
6 Haverhill, Andover

WAKSMAN, B. H., assoc. b. *N.*
M. G. H.

Waldman, J., a.r.s. *Or.* 1949
1893 Sheridan Rd., Highland Pk., Ill.; 215 W. Water, Waukegan, Ill.

Waldmann, Katharine Spreng, *M.* 1955; r.p. 1957
307 B Dawson Ave., Rockville, Md.

Waldmann, T. A., *M.* 1956
National Inst. of Health, Bethesda, Md.

Waldron, A. M., *E.M.* 1938; a.r.p. 1939
309 N. Ingalls, Ann Arbor, Mich.

Walke, J. T., a.r.p. *C.M.* 1948
230 Clover Ave., Roanoke, Va.

Walker, G. M., a.r.s. 1951
Burbank Hosp., Fitchburg

WALKER, J. K., dn.s. (*Dn.* 1954)
29 Commonwealth Ave.

Walker, R. H., a.r.p. *Path.* 1951; a.r.s. 1953
Med. Arts Bldg., Calgary, Alberta, Canada

Wallace, E. P., a.r.p. *C.M.* 1948
78 Federal, Greenfield

Wallace, R. H., *W.S.* 1929; r.s. *E.S.* 1931
101 River Rd., Weston

Wallwork, D. W., *E.S.* 1932
5 3rd, N. Andover

Walser, M., *M.* 1949; a.r.p. 1950
Johns Hopkins Univ. Sch. of Med., Baltimore, Md.

WALTER, M. McN., Jr., a. psychiat. (*McL.*); a.r.p. *Psychiat.* 1955; r.p. *Psychiat.* (*McL.*) 1958
McLean Hosp., Belmont

Walton, R. W., *W.S.* 1926
101 Gates Ave., Montclair, N. J.

WALZER, SARITA G., a. *An.*
M. G. H.

Wang, Chiu-an, *W.S.* 1944; a.r.s. 1946
207 China Bldg., Hong Kong, China

WANG, CHIU-CHEN, assoc. r.; r.p. *R.* 1952 M. G. H.

Wang, Shen Kuang, a.r.s. *Or.* 1957
624 Fairmont Ave., Fairmont, W. Va.

Wang, Yang, *M.* 1953; r.p. 1957
Mayo Clinic, Rochester, Minn.

Ward, A. J., *E.S.* 1929
39 Elm, Morristown, N. J.

Ward, J. L., *E.M.* 1935
600 Scranton Ave., Lake Bluff, Ill.

Waring, E. S., *E.M.* 1919
Fairfax, Va.

WARNER, F. A., a. *M.*
John Hancock Mut. Life Ins. Co.

Warner, J. H., *W.M.* 1937
21 Vernon Ave., S. Barre

Warren, Charles Fletcher, *W.S.* 1915
1 School, Amesbury

Warren, Charles Ford, *W.M.* 1933
200 Hicks, Brooklyn, N. Y.

WARREN, R., *Bd. of Cons.* (*W.S.* 1936) Peter Bent Brigham Hosp.

Warren, S. L., *W.M.* 1924
Med. Sch. of Univ. of California South, Los Angeles, Calif.

WASHBURN, S. L., a. psychiat. (*McL.*); a.r.p. *Psychiat.* 1956; r.p. *Psychiat.* (*McL.*) 1957
McLean Hosp., Belmont

Waterman, G. A., *W.M.* 1901
250 Beacon

WATKINS, A. L., c. *Phys. M.* and a.p.; a.r.p. *N.* 1938 M. G. H.

Watson, James W., *M.* 1944
Bond Hotel, Hartford, Conn.

Watson, John L., r.s. *U.* 1930
4010 N.W. 7th Ave., Miami, Fla.

Watson, Richard G., *C.M.* 1923
1624 Franklin, Oakland, Calif.

WATSON, RICHARD H., a.p. *C.M.* (*C.M.* 1952); a.r.p. *C.M.* 1953
36 Sherwood Rd., Marblehead

Watson, Robert F., *W.M.* 1936
New York Hosp., New York, N. Y.

Watts, A. B., *E.S.* 1943
2530 Cornwall Ave., Bellingham, Wash.

Watts, J. W., II, *N.* 1928 and *N.S.* 1929
4661 Garfield, N. W., Washington, D. C.

WAUD, BARBARA E., a.r.p. *An.*
M. G. H.

WEBER, A. L., r.p. *R.* M. G. H.

WEBSTER, E. W., physicist *R.*
M. G. H.

Webster, F. P., *W.M.* 1902
10 Congress Sq., Portland, Maine

WEBSTER, H. de F., a. n.; r.p. *N.* 1956 M. G. H.

Webster, R. C., *E.S.* 1943; j.r.s. 1944
1101 Beacon, Brookline

Wedrow, E. M., r.p. *Psychiat.* 1953
205 Beacon

Weigel, E. W., *Or.* 1928
970 Park Ave., Elizabeth, N. J.

Weiler, H. G., *Or.* 1932; r.s. *Or.* 1932
411 Central Union Bldg.,
Wheeling, W. Va.

WEILLE, F. L., s. *Otolar.*
247 Commonwealth Ave.

Weinberg, A. N., *M.* 1957; a.r.p. 1958 National Inst. of Health,
Bethesda, Md.

WEINBERGER, J. L., assoc. psychiat.
51 Brattle, Cambridge

WEINSTEIN, L., assoc.p. *C.M.*
New Eng. Med. Center

Weir, D. R., r.p. *Path.* 1938
2186 Middlefield Rd.,
Cleveland Heights, Ohio

WEISBERGER, D., c. *Dn.* and oral s.
188 Longwood Ave.

WEISER, A., a. *Otolar.*
390 Pine, Fall River

WEISMAN, A. D., assoc. psychiat.; r.p. *Psychiat.* 1945 464 Beacon

WEISS, ELIZABETH S., cons. for Community Relations M. G. H.

Weiss, L. L., a.r.p. *An.* 1956
811 W. 63rd, Indianapolis, Ind.

WELCH, C. E., v.s. (*E.S.* 1934); r.s. *E.S.* 1937 M. G. H.

WELD, G. S., *Secretary* and *Asst. Treasurer of the Corporation*
45 Milk

Welles, E. S., *E.S.* 1921
20 Church, Saranac Lake, N. Y.

WELLS, L. D., clin. assoc. *Psychiat.*
270 Commonwealth Ave.; 17 Court

Wenig, M., *Dn.* 1945
253-02 Northern Blvd., Little
Neck, Long Island, N. Y.

WERMER, H., attend. psychiat. (*McL.*)
McLean Hosp., Belmont

Wescott, H. H., *Or.* 1924
818 S. Jefferson, Roanoke, Va.

WESSELHOEFT, C., cons. *M.*
315 Marlborough

WEST, F. J., a.s. *Oph.*
1101 Beacon, Brookline

West, W. W., *S.* 1948; a.r.s. 1954
242 N. Sutter, Stockton, Calif.

WESTON, D. L., a. psychol. M. G. H.

WEYLMAN, W. T., a.r.p. *R.*
M. G. H.

Wheeler, B. C., *E.S.* 1926
27 Elm, Worcester

WHEELER, C. GENE, a.r.s. (*S.* 1956)
M. G. H.

Wheeler, Charles A., *N.S.* 1935 and *W.S.* 1938 69 West, Leominster

WHEELER, E. O., a.p. M. G. H.

Wheeler, J. T., *M.* 1956
U.S. Naval Hosp., Chelsea

Wheeler, R. R., *W.M.* 1922
5 Bay State Rd.

Wheeler, W. E., *C.M.* 1934
1478 Berkshire Rd.,
Columbus, Ohio

WHEELOCK, F. C., Jr., a. s. (*E.S.* 1943); a.r.s. 1949
1180 Beacon, Brookline; M. G. H.

WHISKIN, F. E., a. attend. psychiat. (*McL.*); r.p. *Psychiat.* (*McL.*) 1952; r.p. *Psychiat.* 1954
270 Commonwealth Ave.

WHITE, C. J., hon. p.
259 Marlborough

WHITE, E. M., a. dir. M. G. H.

WHITE, J. C., c. *N.S.* (*W.S.* 1925); r.s. *W.S.* 1927 M. G. H.

White, L. P., *M.* 1950; a.r.p. 1951
32 6th Ave., San Francisco, Calif.

WHITE, P. D., hon. p.; cons. cardiol. (*McL.*) (*C.M.* 1911 and *W.M.* 1913); h.p. *W.M.* 1920
264 Beacon

Whitelaw, G. P., *W.S.* 1937
Mass. Memorial Hosp.

WHITFIELD, T. J., III, a. *C.M.* (*C.M.* 1954); c.r.p. *C.M.* 1957
Concord Med. Center, Concord

Whitford, W., *Or.* 1931
22 Roosevelt Ave.,
Poughkeepsie, N. Y.

WHITING, R. G., a.p.
226 Marlborough

Whittemore, J. P., *C.M.* 1946; a.r.p. *C.M.* 1947
Bellevue Hosp., New York, N. Y.

Whittemore, W. S., *S.S.* 1910
3 Concord Ave., Cambridge

Wies, D., r.p. *Psychiat.* (*McL.*) 1938
8702 Lock Bend Dr., Towson, Md.

Wigglesworth, W. C., *E.S.* 1945
78 County Rd., Ipswich

Wilcox, J. C., *C.M.* 1937
1290 N. Garey Ave., Pomona, Calif.

Wilcox, R. E., *S.* 1949; a.r.s. 1955
Beckley Memorial Hosp.,
Beckley, W. Va.

WILKER, S. R., a. *Otolar.*
285 Commonwealth Ave.
WILKINS, E. W., Jr., a.s. (*W.S.* 1945); a.r.s. 1951 M. G. H.
Willetts, A. T., a.r.s. *U.* 1942
79 Union Pl., Summit, N. J.
Williams, Charles A., *E.S.* 1920
Winchester, N. H.
WILLIAMS, CONGER, assoc. p. (*W.M.* 1940) M. G. H.
Williams, D. W., *W.S.* 1943; r.s. *Or.* 1946; r.s. *U.* 1948
33 Mulberry, Springfield
WILLIAMS, G. M., a.r.s. (*S.* 1958) M. G. H.
WILLIAMS, H. E., a.r.p. (*M.* 1959) M. G. H.
Williams, O. B., Jr., a.r.p. *An.* 1955
Parkland Memorial Hosp., Dallas, Tex.
Williams, R. C., Jr., *M.* 1955; a.r.p. 1956
New York Hosp., New York, N. Y.
WILLIAMS, V. P., a. psychiat. (*E.S.* 1931) 330 Dartmouth
Williamson-Lefort, L., *W.M.* 1942
address unknown
WILLS, A. A., Jr., clin. assoc. *M.*
10 P. O. Sq.
Wilson, E. H., Jr., *S.* 1948; a.r.s. 1950 New York Hosp., New York, N. Y.
Wilson, John C., *Or.* 1917
2010 Wilshire Blvd., Los Angeles, Calif.
Wilson, John C., Jr., *W.S.* 1945; a.r.s. *Or.* 1950
2010 Wilshire Blvd., Los Angeles, Calif.
Wilson, John L., *E.S.* 1940; r.s. 1948
Veterans Hosp., San Francisco, Calif.
WILSON, P. D., hon. s. (*E.S.* 1914)
535 E. 70th, New York, N. Y.
Wilson, P. D., Jr., *E.S.* 1945; j.r.s. *E.S.* 1946
535 E. 70th, New York, N. Y.
WILSON, R. F., clin. assoc. *C.M.*
113 Locust, Dover, N. H.
WIMBERGER, H. C., r.p. *Psychiat.* (*McL.*) McLean Hosp., Belmont
Winkler, G. F., a.r.p. *N.* 1959 M. G. H.
Winkler, J. J., a.r.p. *R.* 1928
Professional Bldg., Kansas City, Mo.
Winn, W. A., *E.M.* 1934
Springville Hosp., Springville, Calif.
Winsor, A. P., *W.M.* 1919 and *W.S.* 1921 1101 Beacon, Brookline
Wishard, W. N., Jr., *E.S.* 1927
1711 N. Capital Ave., Indianapolis, Ind.
WOHL, H., a.r.p. M. G. H.
WOLF, I., a. psychol. M. G. H.
WOLF, M. K., a.r.p. *N.* M. G. H.
Wolff, C. T., *M.* 1958
Mass. Mental Health Center
Wolff, J., *M.* 1954
25 Bay Wood Ave., San Anselmo, Calif.
Wolff, L., *W.M.* 1924
270 Commonwealth Ave.
WOLTERBEEK, J. C., r.p. *Psychiat.* (*McL.*) McLean Hosp., Belmont
WONG, JOYCE K., *O.P.D.* r.p. *C.M.* M. G. H.
Woo, Shutai Tinwong, *W.M.* 1920
Peiping Union Med. College, Peiping, China
Wood, B. S., *E.S.* 1933 Nantucket
Wood, E. C., *M.* 1951
Vet. Adm. Hosp., W. Haven, Conn.
Wood, H. P., *M.* 1948
Pennsylvania Inst., 111 N. 49th, Philadelphia, Pa.
Wood, J. Edwin, Jr., *W.M.* 1923; r.p. *E.M.* 1923 Sch. of Med., Univ. of Virginia, Charlottesville, Va.
Wood, James A., *C.M.* 1915
214 Vineville Ave., Macon, Ga.
Wood, W. E., *Dn.* 1940
1832 Connecticut Ave., N. W., Washington, D. C.
Woodbury, H. W., *Dn.* 1948
317 S. 3rd, Las Vegas, Nev.
WOODRUFF, L. M., a. u. (*E.S.* 1939); r.s. *U.* 1947 M. G. H.
Worth, T. C., *W.M.* 1938
1835 Eye, N.W., Washington, D. C.
WYMAN, E. T., Jr., a.r.s. *Or.* M. G. H.
WYMAN, R. R., a.dn.s.
53 Bay State Rd.
WYMAN, S. M., r.; j.r.p. *R.* 1942 M. G. H.
Wyngaarden, J. B., *M.* 1949; r.p. 1951
Duke Univ. Med. Center, Durham, N. C.
Wynne, L. C., r.p. *Psychiat.* 1951
National Inst. of Health, Bethesda, Md.
Wysham, D. N., *M.* 1954; a.r.p. 1957
New York Hosp., New York, N. Y.

Yaffee, H. S., a.r.p. *D.* 1953
1919 Northwood Apts.,
North Campus, Univ. of Michigan,
Ann Arbor, Mich.
Yanagisawa, K., *Or.* 1944
216 E. 50th, New York, N. Y.
Yankauer, A., *C.M.* 1941
c/o Prof. of Paediat.,
Madras Med. College, Madras, India
YATSUHASHI, M., clin. assoc. *S.* (*W.S.* 1945); a.r.s. 1946
Pondville Hosp., Walpole
Yee, L. P. K., *E.M.* 1939 and *W.S.* 1941; a.r.s. 1946
1641 Nuuanu Ave.,
Honolulu, Hawaii
Yens, O. C., *C.M.* 1930 and *W.M.* 1932 Mass. Hosp. Sch., Canton
Youmans, J. B., *E.M.* 1921
U.S. Army Med. Res. and Develop. Command, Dept. of the Army,
Main Navy Bldg., Washington, D.C.
Young, C., *E.S.* 1923
1848 Wilson Ave.,
Salt Lake City, Utah
Young, D. A., *E.M.* 1933; r.p. *Psychiat.* 1936; r.p. *Psychiat.* (*McL.*) 1937
Box 70, Raleigh, N. C.
YOUNG, E. L., hon. s. (*W.S.* 1910)
1180 Beacon, Brookline
Young, J. G., *C.M.* 1926
4005 St. Andrews Dr.,
Dallas, Tex.
Young, R. A., r.p. *Psychiat.* (*McL.*) 1934
21 Washington Ave., Cambridge
YURCHAK, P. M., a.r.p. (*M.* 1958)
M. G. H.
Zacarian, S. A., r.p. *D.* 1955
130 Maple, Springfield
ZACHARIAS, LEONA, biol. *Oph.*
Mass. E. & E. Inf.
Zacks, S. I., *Path.* 1956; a.r.p. 1958
DeWitt Army Hosp.,
Fort Belvoir, Va.
ZAMBON, ENES, exec. a. (*S.N.* 1929) M. G. H.
Zamcheck, N., *Path.* 1943
Boston City Hosp.
ZAMECNIK, P. C. M., p. M. G. H.
Zaoussis, A. L., a.r.s. *Or.* 1954
Children's Med. Center
ZARSKY, E. L., a. attend. psychiat. (*McL.*) 422 Beacon
Zartman, H. F., *C.M.* 1954
Boston City Hosp.
ZAUDY, ELEONORE C., assoc. p. *C.M.* 1247 Beacon, Brookline
ZELLER, J. W., clin. assoc. *M.* (*W.M.* 1935); r.p. 1938
1180 Beacon, Brookline
ZERVAS, N. T., Jr., a.r.s. *N.S.*
M. G. H.
ZETZEL, ELIZABETH R., psychiat.; psychiat. (*McL.*) 14 Hubbard Pk.,
Cambridge
Zieper, I., a.r.p. *N.* 1958 M. G. H.
ZINBERG, N. E., assoc. attend. psychiat. (*McL.*) Beth Israel Hosp.
ZMYSLOWSKI, W. P., a.r.p. *An.*
M. G. H.
ZONDERMAN, B., assoc. s. *Otolar.*
314 Commonwealth Ave.
ZOVICKIAN, A., a.s. *Otolar.*
270 Commonwealth Ave.
Zuelzer, W. W., *C.M.* 1937
Children's Hosp., Detroit, Mich.
ZUIDEMA, G. D., r.s. (*S.* 1954)
M. G. H.
Zukowski, H. J., a.r.p. *An.* 1948
Harper Hosp., Detroit, Mich.

Directory of Hospital Staff, Alumni, and past Residents, by States and Cities

ALABAMA

Anniston
Breer, R. D.

Birmingham
Edwards, W. S.
Kennedy, B. H.
Lyons, C.
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Pittman, J. A., Jr.
Richardson, W. R.
Shannon, P. W.

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Organick, A. B.

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Findlay, F. M.

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Bendheim, O. L.
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Omer, J. A.

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ARKANSAS

Little Rock
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Tileston, W.

Glendale
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Cannon, J. A.

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Rothfeld, L. J.

Hollywood
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Kerr, W. J.

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Long Beach
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Lawrence, J. S.
McKeever, F. M.
Mathews, S. S.
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Mills, L., Jr.
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Mudd, S. G.
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Sheldon, D. B.
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Warren, S. L.
Wilson, J. C.
Wilson, J. C., Jr.

Menlo Park
Veldee, M. V.

North Hollywood
Snyder, M. H.
Spiers, H. W.
Stout, K. L.

Oakland
Dunn, F.-C.
Ewer, E. G.
Graeser, J. B.
Larkey, J.
Leeper, R. W.
Liu, C. T.
Moorman, H. D.
Nesche, G. E.
Orski, B. M.
Owyang, P.
Richards, D. N.
Schoen, E. J.
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Sweet, C. D.
Thomas, R. L.
Watson, R. G.

Palo Alto
Hawkins, R.
Tanner, J. B.

Pasadena
Allen, D. W.
Cosby, R. S.
Dewey, E. B.
Gentry, R. W.
MacLaren, W. R.

Piedmont
Francis, L.
Newell, J. W.

Pomona
Wilcox, J. C.

Redlands
Dole, K. L.

Redwood City
Soholt, S. T.

Sacramento
Horn, C. E.
McNeil, D.

San Anselmo
Wolff, J.

San Bruno
Quinn, T. J., Jr.

San Diego
Foley, T. M.
Garrity, R. W.
Peabody, H. D., Jr.

San Francisco
Abbott, L. C.
Alston, E. F.
Barnett, C. G.
Bengle, A. L., Jr.
Bost, F. C.
Bull, E. C.
Cline, J. W., Jr.
Cohn, R. B.
Dillon, V. M.
Dresel, R. L.
Finley, K. H.
Freeman, N. E.
Hand, D. W.
Harral, P.
Harrison, M. B.
Hartwig, A. R.
Haswell, H. P.
Jergesen, F. H.
Levy, S. W.
Mellinger, G. W.
Merrill, B. R.
Moffitt, H. C., Jr.
Montgomery, O. F.
Nelson, C.
Noble, C. A., Jr.
Pillsbury, P. L.
Reilly, W. A.
Robinson, J. M.
Roe, B. B.
Rosenman, L. D.
Rowe, J. C.
Sampson, J. J.
Shaw, E. B.
Smith, C. E.
Uyeda, C. I.
White, L. P.
Wilson, J. L.

San Jose
Ahnlund, N. W.
McCort, J. J.

San Mateo
Campbell, C. R.
Hills, O. W.
Key, W. A.
Morrison, G. M.
Prindle, K. H.
Ratcliffe, J. W.

Santa Barbara
Atsatt, R. F.
Clark, G. O.
Luikart, R. H., Jr.
McGovney, R. B.

Santa Cruz
Fowler, C. B.

Selma
Blade, W. R.

Springville
Winn, W. A.

Stanford
Robertson, O. H.

Stockton
Barth, T. A.
West, W. W.

Tulare
Vitt, R. J.

Vallejo
Mead, S.
Tyson, R. G.

Ventura
James, W. J.

West Los Angeles
Mason, E. D.

COLORADO

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Brown, R. K.
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Eiseman, B.
Elrick, H. E.
Franz, E. M.
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Hughes, H. C.
Jobe, M. C.
Leidholt, J. D.
Lingenfelter, G. P.
MacMillan, H. A., Jr.
Makel, H. P.
Matchett, F. L.
Meader, C. N.
Middlebrook, G.
Mitchel, D. H.
Packard, G. B.
Parker, G. D.
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Spencer, J. R.

Greeley
Russell, H. N., Jr.

CONNECTICUT

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Strayer, L. M., Jr.

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Harris, H. P., Jr.

Hartford
Donovan, J. F.
Fairlie, C. W., Jr.
Greene, G. S.
Griggs, J. B.
Hepburn, R. H.
Johnson, P. R.
Jones, F. S.
Lampson, R. S.
Locke, H. L. F.
Lowell, W. H., Jr.
McPherson, S. R.
Mancall, I. T.
Ogden, R. T.
Pike, M. M.
Seigle, S. P.
Sweet, E. B.
Watson, J. W.

Manchester
Boyd, H.

Meriden
Aldwin, F. J.
Stewart, J. E.

Milford
Timm, A. B., Jr.

New Britain
Borden, R. P.
Bosco, H. F.

New Canaan
Hiden, R. B.

New Haven
Aprahamian, H. A.
Blodgett, F. M.
Chernoff, A. I.
Colwell, H. S.
Ewell, J. W.
Fuldner, R. V.
Glenn, W. W. L.
Harrison, E. R.
Hathaway, J. S.
Meigs, J. W.
Morris, J. McL.
O'Connor, D. S.
Rogers, O. F.
Seabury, R. B.
Smith, H. W.
Tisdale, W. A.
Vaughan, V. C., III

Newington
Carey, J. M.

New London
Jones, W. N.

Norwalk
Gens, J. P.

Norwich
Kettle, R. H.

Sharon
Gevalt, F. C., Jr.

Stamford
Mulford, E. H., II

Trumbull
Flagg, J. A.

Waterbury
Cole, C. H.
Harty, J. E.

West Hartford
Egloff, F. R. L.

West Haven
Gordon, P. S.
Wood, E. C.

Willimantic
Ottenheimer, E. J.

DELAWARE

Wilmington
Maroney, J. W.
Stoddard, J. K.

DIST. OF COLUMBIA

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Brent, R. L.
Brown, N. K.
Cohn, Z. A.
Cooper, L. F.
Davis, B. M.
Edsall, G.
Fu, W. S.
Hodges, T. W.
Koppel, E. A.
Lindsay, M. K.
McCann, S. M.
McCune, W. S.
Miller, R. B.
Ormandy, L.
Ruffin, M. deG.
Sabin, H. S.
Saunders, G. M.
Steenburg, E. K.
Tabor, C. W.
Tobin, W. J.
Varney, H. I.
Watts, J. W., II
Wood, W. E.
Worth, T. C.
Youmans, J. B.

FLORIDA

Coral Gables
Keiser, R. P.

Daytona Beach
von Meysenbug, L.

Delray Beach
Howard, H. H.

Fort Lauderdale
Pierce, F. D.

Gainesville
Reeves, J. D.

Jacksonville
Davis, J. M.
Fort, F. L.

Lake City
Shedden, W. M.

Lakeland
Fuller, H.

Largo
Emmons, A. B., II

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Ehrenkranz, N. J.
Watson, J. L.

Miami Beach
Capland, L.

Orlando
Broome, R. A., Jr.

Palm Beach
Smith, H. L.

Pensacola
Graybiel, A.
Holmes, S. G.

Sarasota
Clement, S. P., Jr.

Winter Haven
Sherman, W. E.

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Talmadge, S. McN.

Atlanta
Calhoun, F. P., Jr.
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Cobbs, B. W., Jr.
Goldsmith, L. H.
Tuttle, E. P., Jr.

Augusta
Currie, R. A.
Slaughter, R. F.

Decatur
Bartlett, W. M.

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Banks, R., Jr.

Macon
Wood, J. A.

Marietta
Mathis, W. H., Jr.

Savannah
Brown, F. B.

HAWAII

Honolulu
Dodge, R. S.
Schnack, A. G. C.
Stewart, S. F.
Yee, L. P. K.

ILLINOIS

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Everett, H. C., III

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Bliss, H. A.
Capps, R. B.
Meyer, H. I.
Paul, O.
Perkins, J. F., Jr.
Shorey, W. D.
Talalay, P.

Glencoe
Anderson, E. G.

Great Lakes
Legge, R. F.

Highland Park
Waldman, J.

Hinsdale
Hall, B.

Jacksonville
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Lake Bluff
Ward, J. L.

Lemont
Brues, A. M.

Springfield
Rauh, A. E.
Waukegan
Waldman, J.
Winnetka
Brown, R. G.
Capps, J. A.

INDIANA

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Gary
Nilges, R. G.
Hammond
Peiffer, G. M.
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Weiss, L. L.
Wishard, W. N., Jr.

IOWA

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Gordon, A. M.
Iowa City
Croll, D.
Dulin, J. W.
Larson, C. B.
Oskaloosa
Catterson, L. F.
Waterloo
Bickley, D. W.
Johnston, E. V.

KANSAS

Marion
McCandless, O. C.
North Topeka
Kinney, R. J.
Salvia
Roth, J. d'A.
Wichita
Knapp, M. R.
Sutter, L. A.

KENTUCKY

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Schueler, H. K.
Lexington
Barss, T. P.
Massie, W. K., Jr.
Scott, T.
Smith, M. L.
Louisville
Atherton, L. D.
Bate, J. T.
Harter, J. S.
Jackson, B. B.
Owensboro
Dodson, L. C.
Waverly Hills
Brock, B. L.

LOUISIANA

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Hansen, R. H.
New Orleans
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Golden, L. A.
Morris, H. D.
Schneider, B.
Shreveport
Ledbetter, B. A.
Reed, C. R., Jr.

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Thacher, H. C.
Bangor
Clement, J. D., Jr.
Brunswick
Macomber, D.
Caribou
Collins, H. D.
Ellsworth
Suyama, E.
Falmouth
Sowles, H. K.
Friendship
Frost, H. M.
Lewiston
Hiebert, C. A.
Northeast Harbor
Fitch, R. R.
Owls Head
Adams, W. B.
Portland
Bidwell, R. LeR., II
Burrage, W. C.
Drake, E. H.
Hawkes, R. S.
Holt, C. L.
Johnson, O. R.
McDermott, L. J.
Parker, J. M.
Robinson, C. M.
Spencer, J.
Thaxter, L. T.
Thompson, P. P., Jr.
Webster, F. P.
Rockland
Heath, P., Jr.
Skowhegan
Stinchfield, A. J.
Waterville
Risley, E. H.
Yarmouth
Macdonald, H. E., Jr.

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Fritz, W. F.
Gay, L. N.
Greenhill, M. H.
Harting, D.
Hopkins, C. E.
Howard, J. E.
Kiely, B.
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Meath, J. A.
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Sutherland, G. F.
Thomas, H. M., Jr.
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Walser, M.
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Binion, J. T.
Brown, C. S.
David, J. R.
Federman, D. D.
Field, J. B.
Firminger, H. I.
Goldberg, L. I.
Haber, E.
Hunt, S. P.
Kaufman, H. E.
Laster, L.
McAlpine, F. S.
McKhann, C. F., III
Mudd, S. H.
O'Brien, W. M.
Rose, J. A.
Ship, I. I.
Vagelos, P. R.
Waldmann, T. A.
Weinberg, A. N.
Wynne, L. C.
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Towson
Wies, D.

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Andover
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Waddington, E. J.
Arlington
Benda, C. E.
Burbank, C. B.
Carroll, W. J. E.
Cronin, T. P.
McKeigue, J. E.
Saunders, G. A.
Attleboro
Bixby, H. I.
Hill, L. W.
Belmont
Bell, N. W.
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Cain, A. J.
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Coser, R. L.
Daniels, E. M.
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Eldred, S. H.
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Hess, H. H.
Howard, P. M.
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Kaufman, M. R.
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Magraw, C. E.
Parsons, A.
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Wermer, H.

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Scott, D. H.
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Adams, H. D.
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Albright, F.
Allen, H. F.
Alpert, R.
Altschule, M. D.
Ames, A., III
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Arnason, B. G. W.
Aronow, S.
Arrowood, J. G.
Arthur, R. J.
Atkins, L.
Aub, J. C.
Aufranc, O. E.
Austin, R. C.
Ayer, J. B.
Badger, T. L.
Baird, P. C., Jr.
Bakay, L.
Baker, D. V., Jr.
Baker, M. P.
Baker, W. H.
Balazs, E. A.
Balboni, G. M.
Balboni, V. G.
Ballantine, H. T., Jr.
Bally, P. R
Bandler, B.
Banker, B. Q.
Banks, H. H.
Barlow, J. S.
Barnes, B. A.
Barney, J. D.
Barr, J. S.
Barry, H., Jr.
Bartlett, M. K.
Bauer, W.
Beaman, G. B.
Beck, W. S.
Beecher, H. K.
Beetham, W. P.
Behringer, G. E.
Bell, E.
Bellinger, M. J.
Bendixen, H. H.
Benedict, E. B.
Benedict, P. H.
Benson, J. A., Jr.
Berenberg, W.
Bernstein, N. R.
Bigelow, F. S.
Binger, C. A. L.
Bird, K. T.
Black, P. H.
Bland, E. F.
Blane, H. T.
Blank, I. H.
Bonner, F. J.
Boruchoff, S. A.
Bratt, H. A.
Braudo, J. L.
Brazier, M. A. B.
Brewster, W. R., Jr.
Brockhurst, R. J.
Brown, M. R.
Brown, T.
Brownell, G. L.
Bucher, N. L. R.
Bunker, J. P.
Burbank, C. B.
Burke, J. F.
Burnett, F. L.
Burrage, W. S.
Burwell, C. S.
Bush, R. D.
Butler, A. M.
Byers, R. K.
Calkins, E.
Calnan, A. F.
Caner, G. C.
Cannon, B.
Caplan, G.
Carnes, H. A.
Carney, H. J.
Carter, G. H.
Casten, V. G.
Castle, W. B.
Castleman, B.
Caulfield, J. B.
Cavanaugh, T.
Cave, E. F.
Chafetz, M. E.
Chapman, E. M.
Chisholm, J. F., Jr.
Christman, G.
Churchill, E. D.
Chute, R.
Clark, D. A.
Clarke, B. G.
Clay, C. L.
Clifford, S. H.
Cline, H. S.
Clough, J. M.
Cobb, S.
Cochran, W.
Cochran, W. D.
Cogan, D. G.
Cohen, J.
Cohen, M. E.
Cohen, R. B.
Colby, F. H.
Cole, E. M.
Coles, M. R.
Cook, C. D.
Cope, O.
Cotter, W. C.
Covitz, E. E.
Crawford, J. D.
Crone, N. L.
Cronkhite, L. W., Jr.
Crothers, B.
Culver, P. J.
Cummer, F. H., Jr.
Currens, J. H.
Curtin, R. R.
Daland, E. M.
Dalton, J. C.
Damon, A.
Daniels, H. S.
Darling, R. C., Jr.
d'Autremont, C. C.
Davidson, G. E.
Davies, J. A. V.
DeBlois, E.
Decker, B. L.
Degen, J. W.
DeGroot, L. J.
DeLorme, T. L.
d'Elseaux, F. C.
Dempsey, P. A.
Derow, H. A.
DeWilde, H.
Deykin, D.
Diamond, L. K.
Dickersin, G. R.
Dickson, W. A.
Dienes, L.
Dodge, P. R.
Donahue, H. C.
Donaldson, D. D.
Donaldson, G. A.
Dreyfus, P. M.
Dreyfuss, J. R.
Drooker, J. C.
Dudley, H. R., Jr.
Duffy, R. J.
Dunphy, E. B.
Dwight, R. W.
Ellett, W. H.
Elling, R. H.
Ellis, D. S.
Ellis, L. B.
Emerson, K.
Endee, C. H.
Engel, L. L.
England, A. C., Jr.
Evans, M. G.
Fang, H. C.-H.
Farmer, D. A.
Fawcett, D. W.
Faxon, H. H.
Fay, J. H.
Fearer, N. H.
Fernandez-Moran, H. A. V.
Ferris, B. G.
Field, R. A.
Fienberg, R.
Finck, A. J.
Fine, J.
Finesinger, A. L.
Finkenstaedt, J. T.
Fish, J. E.
Fisher, C. M.
FitzHugh, G.
Fitzpatrick, T. B.
Flanagan, N. B.
Follensby, E. M.
Forbes, A. P.
Ford, R.
Foster, F. D.
Foster, G. S.
Frank, T.
Frazier, H. S.
Freedman, H. J.
Freinkel, R. K.
Fremont-Smith, M.
Freymann, J. G.
Fried, M. A.
Friedlich, A. L.
Fromer, J. L.
Fuller, H. S.
Funsch, R. E.
Futterman, S.
Gamble, J. L.
Ganz, R. N.
Gardella, J. W.
Garland, J.
Garrett, J. W. D.
Gephart, F. T.
Gergely, J.
Gill, B. F.
Ginandes, S. C.
Glicklich, E. A.
Glimcher, M. J.
Gohd, R. S.

Goldthwait, J. E.
Gordon, J. E.
Graham, J. R.
Grant, L. H.
Grant, W. M.
Gray, B. C.
Green, T. H., Jr.
Griesemer, R. D.
Griffey, L. E.
Grillo, H. C.
Gross, J.
Grove-Rasmussen, M.
Guardo, J. L.
Gundersen, T.
Guralnick, W. C.
Hackett, T. P.
Haggart, G. E.
Haggerty, R. J.
Hall, T. C.
Hall, V. R.
Hallowell, P.
Hamlin, E., Jr.
Hanelin, J.
Hanflig, S. S.
Hardy, H. L.
Hare, A. P.
Harper, R. S.
Harwood, R.
Hauser, G. P.
Haven, G. W.
Hawes, L. E.
Hayden, E. P.
Hayden, J. W.
Head, J. M.
Hebertson, W. M.
Hendrick, I.
Hermann, H. T.
Hersey, F. C.
Hill, J. M.
Hill, L. W.
Hill, W. R.
Hirsch, O.
Hoagland, M. B.
Hoeffel, G. N.
Holder, R.
Holmes, E. M.
Horwitz, W. H.
Howe, H. D.
Howe, L. P.
Huckell, J. R.
Hugenberger, P. W.
Humphreys, S. P.
Huntington, B. L.
Hurley, P. D.
Hurwitz, J. J.
Hurxthal, L. M.
Ingersoll, F. M.
Irwin, J. W.
Isaacs, J. P.
Isselbacher, K. J.
Jackson, H., Jr.
Jacobson, B. M.
Jakus, M. A.
Jeanloz, R. W.
Johnson, C. C.
Jones, C. M.
Jones, H. W., Jr.
Jones, W. N.
Joseph, A. T.
Joslin, E. P.
Justi, R. A.
Kane, L. W.
Karnes, W. E.
Katz, S. L.
Kazanjian, K. A.
Kazanjian, V. H.
Keevil, C. S., Jr.
Kelemen, G.
Keller, J. W.
Kelley, R. M.
Kelley, S. B.
Kelley, V. J.
Kelly, J. F.
Kenny, A. D.
Kent, C.
Kern, H. L.
Kerr, W. S., Jr.
Keuper, C. S.
Kilfoyle, R. M.
King, W. B., Jr.
Kinoshita, J. H.
Kinsey, D.
Kite, O. W.
Klotz, R. E.
Knapp, P. H.
Knowles, J. H.
Kowalski, H. J.
Kozol, H. L.
Krane, S. M.
Kranes, A.
Kravitz, A. R.
Krayer, O.
Kubik, C. S.
Kubzansky, P. E.
Kuhns, J. G.
Kulka, J. P.
Kunz, L. J.
Kupfer, C.
Kuwabara, T.
Lamont, J. H.
Lanman, T. H.
Lawrence, G. W.
Leadbetter, W. F.
Leaf, A.
Lee, R. I.
Leiderman, P. H.
Leighton, H. T.
Leighton, J.
Lennox, W. G.
Lentine, J.
Lerman, J.
Leskowitz, S.
Levene, M. B.
Lever, W. F.
Levine, H. J.
Levitan, J. J.
Lewis, D. K.
Liebman, S. D.
Lincoln, R. C.
Lindemann, E.
Littlefield, J. W.
Littmann, D.
Lloyd, J. B.
Loftfield, R. B.
Lombroso, C. T.
Long, R. T.
Lorenz, M.
Lowell, F. C.
Lowell, J. D.
Lowis, S.
Ludwig, A. O.
Luessenhop, A. J.
Lund, C. C.
Luongo, M. A.
Lurie, M. H.
Lyon, A. B.
Mabrey, R. E.
McArthur, J. W.
MacAusland, A. R.
MacAusland, W. R., Jr.
McClelland, W. K.
McDermott, W. V., Jr.
McGinn, S.
McGovern, J. J. M.
Mack, J. E.
McKeigue, J. E.
Macmillan, A. S.
Macmillan, A. S., Jr.
McNeely, W. F.
McNeill, J. M.
McNie, A. B.
Maloof, F.
Mancall, E. L.
Mangiaracine, A. B.
Mann, W.
Marble, A.
Marble, H. C.
Mark, V. H.
Marshall, C. K.
Martin, S. F.
Mattos, E. R.
Mayman, C. I.
Maynard, E. P., III
Mayo, R. A.
Means, J. H.
Meigs, J. V.
Meltzer, P. E.
Merrill, O. E.
Michelsen, J. J.
Miller, D.
Miner, L. M. S.
Miner, R. L.
Ming, S. C.
Mixter, C. G.
Mixter, C. G., Jr.
Mixter, G., Jr.
Montgomery, W. W.
Moore, F. D.
Moore, R. F.
Moran, T. W.
Morgan, W. L., Jr.
Morgan, W. S.
Morrison, H. R.
Moser, H. W.
Mosher, H. A.
Mueller, H. P.
Mueller, W.
Murphy, H. J.
Murphy, W. F.
Murray, D. B.
Murray, J. E.
Mushatt, C.
Myers, G. S.
Nadas, A. S.
Nardi, G. L.
Nathan, L.
Nemiah, J. C.
Neumann, E. T.
Norcross, J. W.
Noss, G. M.
Nyilas, E.
O'Brien, F. W., Jr.
O'Brien, R. G.
O'Connor, H.
Offenbach, B.
Okamura, I. D.
Olin, M. J.
O'Malley, A. F.
Osborne, R. K.
Osgood, H. A.
O'Sullivan, R. B.
Packert, R. C.
Page, L. B.
Palmer, R. S.
Parkhurst, E. C.
Parsons, L.
Patterson, J. F.
Pavlo, I. L.
Pechet, M. M.
Pederson, D. P.
Peebles, R. R.

Pendergrass, H. P.
Pendleton, M. E.
Perlo, V. P.
Perrin, G. M.
Phillips, E. B., II
Picard, E. H.
Pier, A. S., Jr.
Pittman, H. S.
Point, W. W.
Pollen, A.
Pontoppidan, H.
Porter, H.
Porter, P. J.
Postel, S.
Potsaid, M. S.
Poulin, F. K.
Probst, J.-H.
Pryles, C. V.
Quarton, G. C.
Quinby, J. T.
Quinby, W. C., Jr.
Rabinowitz, M.
Rackemann, F. M.
Rak, I. P.
Raker, J. W.
Randolph, J. G.
Record, E. E.
Reed, G. F.
Regan, C. D.
Reid, D. E.
Reid, E. A.
Reidy, J. A.
Reith, H. C.
Reyersbach, G. C.
Richards, R. S.
Richardson, E. P., Jr.
Richardson, G. S.
Richardson, J. R.
Richie, R. H., Jr.
Riemer, K.
Riley, A.
Robbins, L. L.
Robertson, C. W.
Rockwood, E. M.
Rodkey, G. V.
Rogers, W. A.
Roopenian, A.
Ropes, M. W.
Rosen, R. B.
Rosenberg, E. H.
Roth, S. I.
Rouillard, F.
Rounds, C. E.
Rourke, G. M.
Rowe, C. R.
Ruben, M.
Runge, P. M.
Russell, P. S.
Russfield, A. B.
Rutstein, D. D.
Ryan, K. J.
Sachs, B. J.
St. Aubin, P. M. G.
St. Goar, W. T.
Sams, B. J., Jr.
Sanchez, G. C.
Sarnoff, S. J.
Sasahara, A. A.
Scannell, J. G.
Schall, L. A.
Schepens, C. L.
Schmid, K.
Scholl, M. L.
Schulz, M. D.
Schuster, S. R.
Schwab, R. S.
Scott, A. W.
Scott, J. F.
Scully, R. E.
Seale, E. S.
Sears, J. B.
Selverstone, B.
Sewall, W. F.
Shangraw, K. A.
Sharp, J. T.
Shattuck, G. C.
Shaw, R. S.
Sheldon, C. P.
Sheldon, R. F.
Short, C. L.
Sidman, R. L.
Sifneos, P. E.
Sinesi, S. J.
Single, M. A.
Sisson, W. R.
Sleeper, E. L.
Sloane, A. E.
Smith, C. A.
Smith, G. G.
Smith, L. H., Jr.
Smith, P. H.
Smith, R. H.
Smith, R. M.
Smith, T. R.
Smith, W. H.
Smith, W. P.
Smith-Petersen, M.
Smithwick, R. H.
Sneddon, E. A.
Snow, J. C.
Snyder, J. C.
Sohier, W. D., Jr.
Solomon, H. C.
Soloway, A. H.
Sosman, J. L.
Soutter, L.
Spangler, A. S.
Spear, L. M.
Speare, G. S.
Spector, L. B.
Spencer, K.
Spiro, D.
Stanbury, J. B.
Starobin, O. E.
Stauffer, R. E.
Stenger, R. J.
Stetson, R. P.
Stoeckle, J. D.
Stokes, J., III
Stolman, J. M.
Sturdevant, C. L.
Sturgis, S. H.
Suby, H. I.
Sullivan, G. L.
Swan, C. L., Jr.
Swan, C. S.
Swartz, J. H.
Swartz, M. N.
Sweet, P. L.
Sweet, R. H.
Sweet, W. H.
Taft, E. B.
Taft, P. D.
Talbot, N. B.
Talland, G. A.
Taylor, J. B.
Taylor, J. H.
Tefft, R. C., Jr.
Tenney, B., Jr.
Thomas, J. B.
Thomas, J. M.
Timberlake, W. H.
Todd, D. P.
Tolman, M. M.
Tomchik, F. S.
Townsend, J. H.
Trapp, C. E.
Trevett, L. D.
Trieger, N.
Tristan, M. P.
Trotter, R. R.
Tucker, W. I.
Turner, J. D.
Ulfelder, H.
Vance, R. G.
Vanderpol, M.
Vanderveen, J. L.
Van Gorder, G. W.
van Ravenswaay, T.
Verhoeff, F. H.
Vickery, A. L., Jr.
Victor, M.
Vincent, B.
von Felsinger, J. M.
Waddell, W. R.
Waksman, B. H.
Walker, J. K.
Walzer, S. G.
Wang, C.
Warner, F. A.
Warren, R.
Waterman, G. A.
Watkins, A. L.
Webster, E. W.
Webster, H. de F.
Wedrow, E. M.
Weille, F. L.
Weinstein, L.
Weisberger, D.
Weisman, A. D.
Welch, C. E.
Wells, L. D.
Wesselhoeft, C.
Weston, D. L.
Wheeler, E. O.
Wheeler, R. R.
Wheelock, F. C., Jr.
Whiskin, F. E.
White, C. J.
White, E. M.
White, J. C.
White, P. D.
Whitelaw, G. P.
Whiting, R. G.
Wilker, S. R.
Wilkins, E. W., Jr.
Williams, C.
Williams, V. P.
Wills, A. A., Jr.
Winkler, G. F.
Wolf, I.
Wolff, C. T.
Wolff, L.
Woodruff, L. M.
Wyman, R. R.
Wyman, S. M.
Zacharias, L.
Zamcheck, N.
Zamecnik, P. C. M.
Zaoussis, A. L.
Zarsky, E. L.
Zartman, H. F.
Zieper, I.
Zinberg, N. E.
Zonderman, B.
Zovickian, A.

Braintree

Slemons, M. L.

Brockton

Chase, J. S.
Duncombe, A. L.

Foss, M. W.
Rae, R. G.
Ryan, M. L.
Sherman, L.
Tucci, J. H.

Brookline
Bacon, W. B.
Balch, F. G., Jr.
Barker, R. H.
Barnum, F. G., Jr.
Boutwell, H. K.
Bowditch, H.
Braconier, H. E.
Brailey, A. G.
Broderick, T. F., Jr.
Bullington, S. J.
Burgin, L. B.
Cass, J. W., Jr.
Cohen, A.
Coley, M. S.
Crabtree, H. H.
Duncan, C. J.
Dyer, E. C.
Easton, M. T.
Fay, G. F.
Fowler, D. M.
Franseen, C. C.
Frazee, J. R.
Garrey, W. E.
Gauld, A. G.
Gillespie, L.
Goethals, T. R.
Goldthwait, J. C.
Greeley, H. P.
Gregg, W. I.
Grogan, R. H.
Haley, W. D.
Hall, F. C.
Helman, M. E.
Hendren, W. H., III
Hindman, D. H.
Hodgson, J. S.
Holland, D. J., Jr.
Homans, J., Jr.
Hormell, R. S.
Joplin, R. J.
Kirkwood, S. B.
Linenthal, A. J.
Linton, R. R.
McKittrick, J. B.
McKittrick, L. S.
Morse, G. W.
Newell, J. L.
Norton, P. L.
O'Brien, R. G.
Potter, M. G.
Prather, G. C.
Pratt, T. C.
Rhodes, F. I.
Rock, J.
Schatzki, R.
Shea, C. J.
Siscoe, D. L.
Smith, J. A.
Smith, W. D.
Spalding, R.
Spellman, J. W.
Sprague, H. B.
Stalvey, H. D.
Stone, B. H.
Stone, W., Jr.
Sturgis, G. P.
Sullivan, C. L.
Talbot, F. B.
Thoma, K. H.
Tilley, R. F.
Viets, H. R.
Webster, R. C.
West, F. J.
Wheelock, F. C., Jr.
Winsor, A. P.
Young, E. L.
Zaudy, E. C.
Zeller, J. W.

Bryantville
Angley, J. C.

Cambridge
Bloomfield, D. K
Bock, A. V.
Brazelton, T. B.
Caplan, G.
Carter, F.
Cohen, M.
Dalrymple, W.
Dawes, D. C.
de Marneffe, F. L. A.
Deutsch, H.
Dexter, C. J.
Evans, R. D.
Farnsworth, D. L.
Faulkner, J. M.
Floyd, C.
Forbes, A.
Forbes, V. A.-C.
Gaitonde, M. K.
Gates, P. H.
Godley, A. F.
Hansen, R. J.
Heath, C. W.
Herzan, H. M.
Hodge, A. J.
Hubbard, E., Jr.
Lifton, R. J.
Matz, M. H.
Means, P. H.
Robey, J. S.
Ross, R. A.
Rudy, H. A.
Scatchard, G.
Stevens, H. P.
Thorndike, A.
Toll, K. van S.
Trump, J. G.
Weinberger, J. L.
Whittemore, W. S.
Young, R. A.
Zetzel, E. R.

Canton
Yens, O. C.

Chelsea
Letsou, V. G.
Wheeler, J. T.

Chestnut Hill
Brigham, F. G.

Cohasset
Howe, H. F.
Sceery, R. T.

Concord
Austin, R. C.
Hitchcock, J.
McDonald, F. C.
Tompkins, J. B.
Whitfield, T. J., III

Danvers
Hall, M. G.
Licciardello, A. T.

Dedham
Putnam, H. M.
Sweetnam, G. H.
Vaughan, R. H.

East Pepperell
Swaim, L. T.

Everett
Jackson, A. M.
McLaughlin, C. H.

Fall River
Atwood, W. G.
Hawes, C. H.
Hill, N. P.
Mason, W.
Weiser, A.

Fitchburg
McPeak, C. N.
Pick, W.
Walker, G. M.

Foxboro
Putnam, J. J.

Framingham
Bloomberg, W.
Denton, J. E.
Folsom, H. F.
Golden, T. S.
Hirsch, L. S.

Gloucester
Johnson, L. F.

Greenfield
Buchanan, W. R., Jr.
Moran, J. E.
Wallace, E. P.

Hadley
Huntington, J. L.

Harvard
Brown, L. T.

Haverhill
Shipley, M. S.
Shlossberg, F. R.

Hingham
Eldredge, L. L., Jr.
Emerson, G. F.
Howland, J. B.

Holyoke
Bagg, E. P., Jr.
Bandeian, A. M.
Mahoney, S. A.

Hyannis
Garran, F. W., Jr.

Ipswich
Wigglesworth, W. C.

Lawrence
D'Urso, J. J.
Feeney, F. J.
Ganem, E. J.

Leominster
Wheeler, C. A.

Lexington
Bellinger, M. J.
Cosgrove, W. L.

Longmeadow
Huston, L. L.

Lowell
Grant, G. J. M.
Leahey, B. D.
Sullivan, J. J.

Lynn
Newhall, H. F.
O'Keefe, E. S.
Sarris, S. P.
Swartz, M.
Vance, L. A.

Malden
Bennett, D. R.
Bennett, W.
Thorp, E. G.

Marblehead
Hopkins, S. W.
Watson, R. H.

Medfield
Reggio, A. W.

Medford
Morrissey, A. M.
Melrose
Daffinee, R. W.
Herm, R. J.
Milton
Brown, L.
Coons, A. H.
Gamble, C. J.
Hepburn, J. P.
Kernan, R. D.
Sullivan, E. R.
Tudor, F.
Van Dyke, W.
Vose, R. H.
Nantucket
Wood, B. S.
Needham
Brown, F. H.
O'Keeffe, A. F.
New Bedford
Hoffman, H. A.
Lewis, E. O.
Maynard, G. B., Jr.
Stevens, H. W.
Tripp, C. C.
Newburyport
Bullard, C. W.
Hamilton, R. DeL.
Toppan, R. L.
Newton
Adams, R. H.
Adler, M. H.
Bell, G. O.
Shirley, J. N.
Newton Centre
Derow, S.
Ervin, F. R.
Franklin, W.
Kennard, H. E.
Rutherford, R. W.
Newton Highlands
Kaplan, S.
Thompson, R. D.
Newtonville
Garcelon, G. G.
Northampton
Averill, J. H.
Tatlock, H.
North Andover
Rogers, H.
Wallwork, D. W.
Norwell
Kearsley, R. B.
Norwood
Booth, N. A.
Fishman, N.
Sternstein, H. J.
Peabody
O'Rourke, H. J.
Pittsfield
Breslin, J. E.
Locksley, H. B.
Miller, J. P., Jr.
Reynolds, G. S.
Tracy, R. J.
Plymouth
Hamilton, H. H.
Quincy
Chapman, R. B.
Chasen, M. C.
Ciano, J. F.
Hussey, M. B.
McCarthy, P. L.
Salem
Breed, F. B.
Clark, D. S., Jr
Flynn, J. G.
Freedberg, A. P.
LeDonne, J. E.
Lowd, H. M., Jr.
Phippen, W. G.
Polansky, S. C.
Shannon, J. M.
Stebbins, H. D.
Thompson, R. H.
Sharon
Brown, R. H.
Somerville
McLean, J. D.
Petersen, J. A.
South Barre
Warner, J. H.
South Hamilton
Rogers, D. M.
Springfield
Carson, P. C.
Chapin, L. D.
Derby, J. P.
Derrick, C. C.
Drewry, G. R.
Edgelow, A. F. G.
Franseen, E. F.
Hayes, D. R.
Hopkins, F. S.
Hoyt, W. F.
Lewis, J.
Plotkin, L. H.
Williams, D. W.
Zacarian, S. A.
Stockbridge
Kimberly, C. H.
Swampscott
Mayo, F. B.
Miller, C. C.
Topsfield
Thornton, C. E.
Waban
Lothrop, O. A.
Walpole
Petranek, J. R.
Yatsuhashi, M.
Waltham
Hardy, I. B.
Holmes, J. A.
Lewis, J. L.
Shugar, J. L.
Wareham
Lincoln, J. R.
Watertown
Karian, E.
Waverley
For names formerly in Waverley, *see* Belmont
Wellesley
Kraus, P. S.
Pfeffer, W., Jr.
Villee, D. B.
Wellesley Hills
Angelini, H. D.
Freese, C. G., Jr.
Goodall, E. B.
May, G. E.
Klein, D. C.
Parker, J. S.
Pippitt, R. B.
Reidy, J. A.
Westboro
Holt, W. L., Jr.
West Falmouth
Faxon, N. W.
West Newton
Sanchez, G. C.
Weston
Greene, D. C., Jr.
Peebles, T. C.
Rogers, W. P., Jr.
Skinner, J. C.
Taylor, G. W.
Van Nüys, F.
Wallace, R. H.
Westwood
Ives, L. M.
Williamstown
Urmy, T. V.
Winchester
Annino, D. J.
Clark, R. J.
Haley, W. D.
Kaufmann, G. G.
Lewis, D. K.
McKenzie, W. L.
McLean, J. D.
Marks, G. A.
Mueller, H. L.
Worcester
Alton, B. H.
Burrow, J. G.
Carmody, J. T. B.
Damiani, C. R.
Duggan, J. A.
Johnson, V. S.
Kinnicutt, R.
Lingley, J. R.
Miller, E. C.
Peterson, H. O.
Seelye, W. C.
Sniffen, R. C.
Stone, B. B.
Wheeler, B. C.

MICHIGAN

Ann Arbor
Bishop, R. C.
Cecil, L. McF.
Coller, F. A.
Gaston, L. W.
Miller, J. G.
Smillie, J. W.
Vial, A. B.
Waldron, A. M.
Yaffee, H. S.
Dearborn
Bloomer, E.
Detroit
Blodgett, W. H.
Comly, H. H.
Esslinger, J. O.
Eyler, W. R.
Frame, B.
Hiebert, J. M.
Osius, E. A.
Sphire, R. D.
Stiefel, D. M.
Sweeny, D. N., Jr.
Zuelzer, W. W.
Zukowski, H. J.
Grand Rapids
Beeman, C. B.
Faust, L. W.
Sugiyama, T.
Holland
Clark, N. H.
Ionia
Tannheimer, J. F.
Iron Mountain
Alexander, W. H.
Jackson
Munro, N. D.

Pontiac
Cudney, E. B.
Port Huron
McClung, J. L.
Sault Ste. Marie
Howard, F. H.

MINNESOTA

Duluth
Clapp, S.
Minneapolis
Goetz, F. C.
Henry, M. O.
Johnson, N. P.
Kennedy, B. J.
Lowe, C. U.
Pohl, J. F.
Rodgers, R. S.
Rochester
Balfour, D. C., Jr.
Brindley, C. O.
Chapman, C. E.
Haines, S. F.
Helmholz, H. F., Jr.
Livermore, G. R., Jr.
Randall, R. V.
Stout, H. A.
Wang, Y.
St. Paul
Peterson, H. O.
Schwyzer, M.

MISSISSIPPI

Jackson
Guyton, A. C.

MISSOURI

Boonville
van Ravenswaay, A. C.
Kansas City
Dann, D. S.
Dennie, C. C.
Lilly, T. E., Jr.
Pickard, N. S.
Trowbridge, E. H., Jr.
Winkler, J. J.
Rock Hill
Ballard, F. B., Jr.
St. Joseph
McDaniel, J. R.
Riddell, R. V.
St. Louis
Chaplin, H., Jr.
Dodd, R. B.
Doisy, E. A., Jr.
Drake, T. G.
Hanser, T. H.
Hershey, F. B.
Hunt, R. T. N.
Josse, J. W.
Key, J. A.
Klaus, H.
Lawrence, G. H.
Lytton, W.
Maughs, S. B.
Moore, S.
O'Brien, R. M.
Robins, E.
Rukes, J. M.
Stephens, W. A.
Strauss, A. E.
Thomas, W. A.
Trenton
Fuson, W. A.
Webster Groves
Gaunt, F. P.

NEBRASKA

Aurora
Steenburg, D. B.
Omaha
Bisgard, J. D.
Luikart, R. H.

NEVADA

Las Vegas
Woodbury, H. W.
Reno
Cantlon, E. L.
Cantlon, J. V.

NEW HAMPSHIRE

Concord
Mintz, E. R.
Dover
Wilson, R. F.
Exeter
Heyl, J. T.
Hancock
Eustis, R. S.
Hanover
Anthonisen, M. R.
Goodale, F., Jr.
Gundersen, S. M.
Heyl, H. L.
Hunter, R. W.
King, D. S.
McKenna, J. B.
Staples, O. S., Jr.
Sycamore, L. K.
Keene
Lacey, W. H.
Laconia
Baker, W. J.
Manchester
Bienvenu, L. J.
Colokathis, P.
Elliot, H. L.
Kalil, T. H.
McGahey, C. E.
Portsmouth
Beck, P.
Lium, R.
Wilton
Locke, E. A.
Winchester
Williams, C. A.
Wolfeboro
Gregory, H. E.

NEW JERSEY

Elizabeth
Gorman, R. V.
Weigel, E. W.
Englewood
Roberts, C. D.
Glen Ridge
D'Alessandro, G. L.
Irvington
Charash, L. I.
Montclair
Greene, R. G.
Walton, R. W.
Morristown
Ward, A. J.
Newark
Schaaf, R. S.
New Brunswick
Kuhn, W. G., Jr.
Orange
Stearns, T.
Paterson
Sporer, E. S.
Van Eerde, A.
Plainfield
Egel, N.
Princeton
Munro, J.
Summit
Willetts, A. T.
Teaneck
Randall, R. E., Jr.

NEW MEXICO

Albuquerque
Parnall, E.
Los Alamos
Grier, R. S.
Shipman, T. L.

NEW YORK

Albany
Berg, H. W.
MacMillan, H. A.
Traver, C. A.
Astoria, Long Island
Baxter, C. F.
Bath
Traver, R. F.
Bronxville
Thatcher, B. van H.
Brooklyn
Cohen, I. J.
Friedman, C. F.
Hamilton, H. B.
Harvey, R. B.
Warren, C. F.
Buffalo
Graham, J. B.
Holland, J. B.
Hummel, L. E.
Lambert, E. C.
Osgood, H.
Schenk, W. G., Jr.
Stewart, J. D.
Stiff, D. W. S.
Cooperstown
McIver, M. A.
Mannick, J. A.
Sahler, O. DeP.
Glen Head, Long Island
Heggie, J. F.
Glens Falls
Batt, R. C.
Great Neck, Long Island
Madey, S. L.
Katonah
Thompson, W. A
Larchmont
Haralambie, J. Q.
Little Neck, Long Island
Wenig, M.
Long Beach
Sandler, A. I.
Manhasset, Long Island
Nicosia, A. P.
Mechanicville
Ryan, J. P.
Mount Morris
Judd, J. M.
New York City
Alper, J. M.
Ayers, W. B.
Barlow, J. J.
Barry, R. M.
Bedell, R. F.
Bowden, L.

Carroll, R. E.
Chamberlain, J. M.
Christenson, W. N.
Collins, H. S.
Dickson, C. C.
Diehl, S. D.
Dole, V. P., Jr.
Fishman, R. A.
Goldblatt, M. E.
Golden, R.
Hammond, J. W., Jr.
Heffron, R.
Hobson, L. B.
Hovsepian, J. A.
Huber, W. M.
Kraut, H. L.
Lake, M.
Lambert, J. T.
Loeb, R. F.
Luck, D. J. L.
Maier, J.
Maisel, B. I.
Malcolm, J. A.
Mendelsohn, M. L.
Metcalf, K. M.
Michie, A. J.
Michie, C. R.
Moore, B. E.
Mote, J. R.
Patterson, R. H.
Patterson, R. L., Jr.
Pearson, O. H.
Peters, J. H.
Pier, G.
Putnam, C. R. L.
Quan, S. H. Q.
Rappleye, W. C.
Rasmussen, H.
Rasmussen, J. S.
Rosenthal, A. L.
Rowell, H. G.
Schneiderman, R. N.
Sprague, E. H.
Surls, J. K.
T'an, C. C.
Tenney, V. A.
Twombly, G. H.
Ulick, S. C.
Watson, R. F.
Whittemore, J. P.
Williams, R. C., Jr.
Wilson, E. H., Jr.
Wilson, P. D.
Wilson, P. D., Jr.
Wysham, D. N.
Yanagisawa, K.

Olean
Mayer, R. F.

Oneonta
Greenough, J.

Ozone Park
Edelman, G. M.

Plattsburg
Barton, L. G., Jr.

Poughkeepsie
Bedell, W. C.
Keeley, J. K.
Whitford, W.

Rochester
Allison, C. R.
Barnett, T. B.
Berg, R. L.
Boller, C.
Clark, M. M.
Crawford, H. B.
Gillies, A. J.
Greene, N. M.
Guller, E. I.
Jones, T. B.
Kennedy, R. P.
Morton, J. J.
Radebaugh, J. F., Jr.
States, J. D.
Stewart, J. M.
Strom, J. O.
Sweet, R. B.

Roslyn, Long Island
Frick, A. H. C.

Saranac Lake
Welles, E. S.

Scarsdale
Hammond, W.

Staten Island
Maloy, J. K.

Syracuse
Dunn, E.
Gardner, L. I.
Gibson, L. E.
Greene, R. W.
Hale, C. H.
Halsted, J. A.
Neptune, E. McC.
Silverman, A. C.
Squire, L. F.
Straehley, C. J., Jr.

Troy
Talin, J. J.

Tuckahoe
Seed, J. C.

Upton, Long Island
Cotzias, G. C.
Dahl, L. K.
Stall, B. G., III

Utica
Case, C. T.
English, H. S.
Millet, J. B.

Valhalla
Lynn, J. G., IV

Watertown
George, H. L., Jr.

White Plains
Kneisel, J. J.
Moss, A. J.

NORTH CAROLINA

Asheville
Morrison, R. W.

Biltmore
Freeman, W. T.

Chapel Hill
Burnett, C. H.
Chamberlin, H. R.
Craige, E.
Gottschalk, C. W.
Heusner, A. P.
Jessner, L.
Lansing, C.
Lassiter, W. E.
McClellan, W. S.
Monroe, J. T., Jr.
Sandifer, M. G., Jr.
Taylor, I. M.

Charlotte
Brenizer, A. G., Jr.
Elliott, J. A., Jr.

Durham
Coolidge, T. B.
Herring, E. J.
Pearse, R. L.
Peete, W. P. J.
Persons, E. L.
Reeves, R. J.
Wyngaarden, J. B.

Greensboro
Register, J. F.
Spencer, R. E.
Troxler, E. R.

Marshall
Ditmore, H. B., Jr.

Raleigh
Manly, I. V.
Rhodes, J. S.
Young, D. A.

Southern Pines
McMillan, R. M.

Wilmington
Graham, C. P.

Winston-Salem
Conrad, E.
Henley, T. F.

OHIO

Akron
Kramer, J. G.
Voke, E. L.

Canton
Scott, M. W., Jr.

Cincinnati
Acheson, G. H.
Block, G. L.
Capps, S. C.
Clifford, M. H.
Freiberg, J. A.
Gall, E. A.
Judd, A. B.
Newstedt, J. R.
Rosenbaum, M.
Rubinstein, J. H.

Cleveland
Badal, D. W.
Brewster, H. H.
Clowes, G. H. A., Jr.
Evans, R. R.
Ford, A. B.
Glover, D. M.
Groves, L. K.
Hopkins, R. W.
Jefferies, W. McK.
Kendrick, J. I.
McDermott, N. T.
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Shannon, E. W.
Simeone, F. A.
Steel, D.
Veazey, P. M.

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Haynes, W. M.
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Flook, S. E.
Hochwalt, W. R.
Judy, J. A.

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Paul, J. R., Jr.

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Robillard, R. L.
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Lowrey, S. R.

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Ibsen, B.

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Harder, H. J.

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Papadopoulos, D. A.

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Herrera, R. E.
Mora, F.
Toriello, J.

HOLLAND

Amsterdam
Donner, R.

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Singh, M. M.

Madras
Yankauer, A.

ISRAEL

Petah Tiqva
Laron, Z.

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Belfast
Gibson, J. G.

NORWAY

Oslo
Lund, I.
Stovner, J.

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Bahrain
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Manila
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Rosales, R. K.

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Gamsu, D.
Senior, B.

SWITZERLAND

Basel
Hügin, W.

Geneva
Müller, A. F.

Zurich
Perry, J. W.

WALES

Cardiff
Thomas, A. G. T.

FORMS OF LEGACIES

A. *An Unrestricted Legacy*

"I give to The Massachusetts General Hospital, a corporation organized under the laws of Massachusetts and situated in Boston, Massachusetts, ...
.....($)."

Money given in this way may be used by the Hospital for any purpose within the scope of its powers. Both principal and income may be so used.

B. *A Legacy Restricted as to Principal but Not Restricted as to Income*

"I give to The Massachusetts General Hospital, a corporation organized under the laws of Massachusetts and situated in Boston, Massachusetts, ...
.....($). The principal of this gift shall be held and may be mingled with other funds of the Hospital for investment. The Hospital may expend the income for any purpose within the scope of its powers. (The following sentence is optional.) This gift is made in memory of ..... and shall be known as the ..... Fund."

Money given in this way establishes a permanent fund.

C. *A Legacy Intended for a Special Purpose*

Where either principal or income of a bequest is to be restricted to some special purpose of the Hospital, it is suggested that the testator contact the Treasurer's Office, 45 Milk Street, Boston.

DALTON SCHOLARSHIPS

Scholarships will be awarded to the candidates recommended by the General Executive Committee of the Massachusetts General Hospital and confirmed by the Trustees.

The holders of these Scholarships are required to do original work in subjects to be designated.

For particulars apply to the General Director.

MASSACHUSETTS GENERAL HOSPITAL
Fruit Street, Boston

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WARREN TRIENNIAL PRIZE

The Warren Triennial Prize was founded by the late Dr. J. Mason Warren in memory of his father, and his will provides that the accumulated interest of the fund shall be awarded every three years to the author of the best dissertation, considered worthy of a premium, in some subject in Physiology, Surgery, or Pathological Anatomy, the arbitrators being the General Executive Committee of the Massachusetts General Hospital.

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